

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-464
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Not Applicable
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME Natural Buttes
3. ADDRESS OF OPERATOR P.O. Box 749; Denver, Colorado 80201-0749		8. FARM OR LEASE NAME NBU
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 184' FNL, 314' FWL (Lot 4) Section 6, T10S, R22E At proposed prod. zone Same as Above		9. WELL NO. 116
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately twelve (12) miles southeast of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes (u30)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 184'	16. NO. OF ACRES IN LEASE 206.97	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6, T10S, R22E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2,000' ±	19. PROPOSED DEPTH 5,650' ±	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4876' GR		13. STATE Utah
22. APPROX. DATE WORK WILL START* March 20, 1991		

23. PROPOSED CASING AND CEMENTING PROGRAM (ALL NEW)				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,650'	545 sx, Circulated to Surface *

\* Cement volumes may change due to hole size.  
Calculate from caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #116, Federal Lease #UTU-464. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

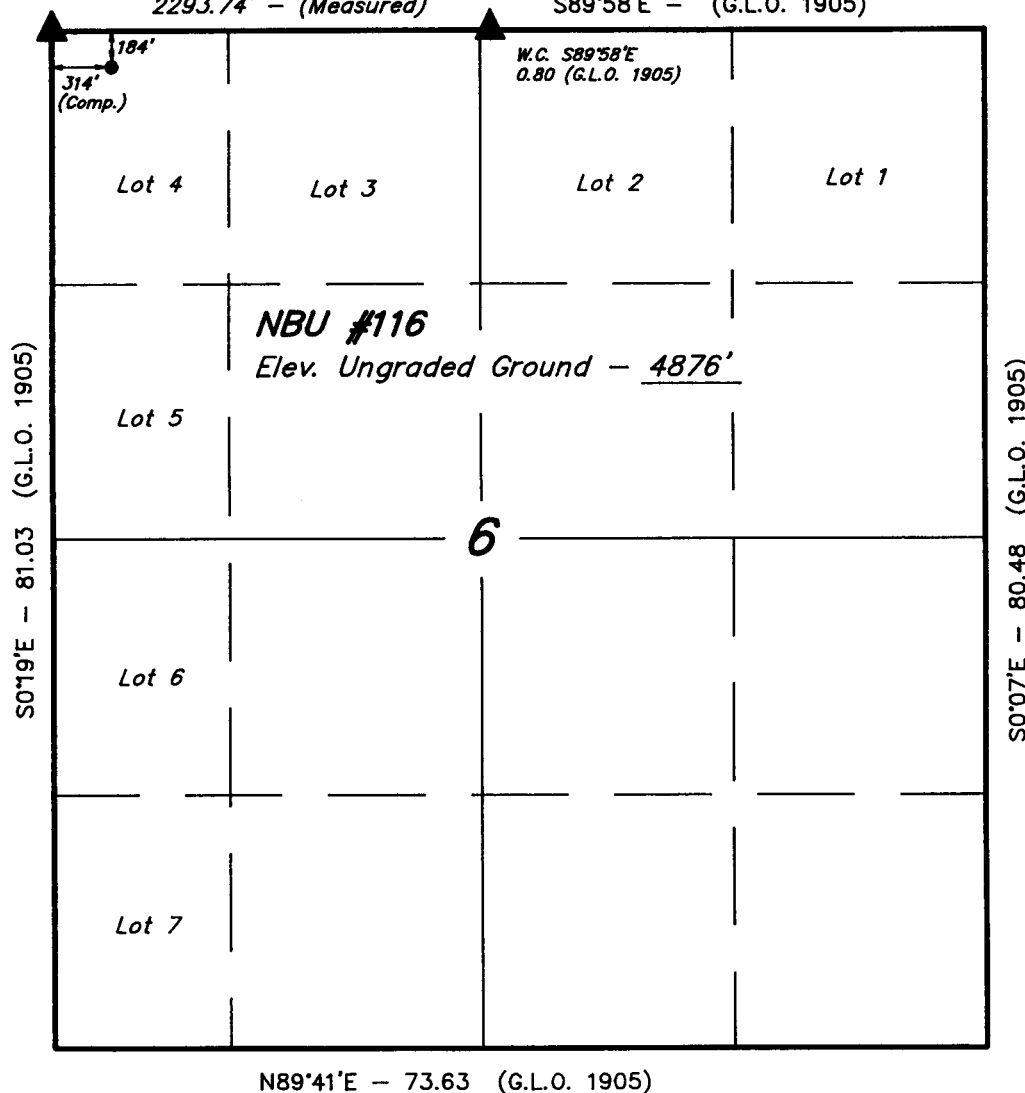
24. SIGNATURE <u>Charles E. Mowry</u>		TITLE <u>District Drilling Manager</u>	DATE <u>12/11/90</u>
(This space for Federal or State office use) API <u>43-047-31905</u>		APPROVAL DATE <u>12-27-90</u>	
APPROVED BY _____		BY: <u>[Signature]</u>	
CONDITIONS OF APPROVAL, IF ANY:		WELL SPACING: <u>65-2-3</u>	

\*See Instructions On Reverse Side

# T10S, R22E, S.L.B.&M.

S89°58'E - G.L.O. 1905 (Basis of Bearings)  
2293.74' - (Measured)

S89°58'E - (G.L.O. 1905)



▲ = SECTION CORNERS LOCATED. (Brass Caps)

## NOTE:

WELL BEARS S84°43'43"W  
1987.4' FROM THE NORTH 1/4  
CORNER (W.C.) OF SECTION 6.

## COASTAL OIL & GAS CORP.

Well location, NBU #116, located as shown  
in Lot 4, Section 6, T10S, R22E, S.L.B.&M.  
Uintah County, Utah.

## BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF  
SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG  
PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5  
MIN. SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE  
UNITED STATES DEPARTMENT OF THE INTERIOR,  
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED  
AS BEING 5238 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9-30-90
PARTY G.S. J.F. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COASTAL OIL & GAS CORP.

COASTAL OIL & GAS CORPORATION  
Lease #UTU-464, NBU #116  
Lot 4 (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ), Section 6, T10S, R22E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	4460'
Green River	1243'	Total Depth	5650'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Wasatch	4460'	Gas (Primary Objective)
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If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 11" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Pressure gauge on choke manifold.

B. Pressure Rating: 2,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

3. Pressure Control Equipment:

C. Testing Procedure: Continued

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Bloopie line discharge 100 feet from well bore and securely anchored.



3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required on aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.
8. Automatic igniter or continuous pilot light on the blooie line (not required on aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

G. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller.

Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	24.0#	K-55	ST&C	0- 250'

4. The Proposed Casing and Cementing Program:

A. Casing Program - Continued

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
7-7/8"	5-1/2"	17.0#	K-55	LT&C	0-5650'

Casing string(s) will be pressure tested to 0.22 psi per foot, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program

Surface Casing : Cement with approximately 180 sx Class "G" cement + additives, circulated to surface with 100% excess.

Production Casing : Lead with approximately 350 sx Halliburton Silica "Lite" cement with 4% Gel, 4% CaCl<sub>2</sub>, 0.3 % Halad-413 and 2.0#/sx Granulite TR; tail with approximately 195 sx Class "G" cement + additives. Cement will be circulated back to surface with 30% excess.

Actual cement volumes to be required will be determined from the caliper log.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-5650'	Aerated Water	-----	-----	-----

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

6. Evaluation Program:

Logs : DIL-Caliper : 5650' - Surface  
FDC-CNL : 5650' - 1500'

DST's : None anticipated.

Cores : None anticipated.

The proposed evaluation program may change at the discretion of the wellsite geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Book Cliffs Resource Area Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer, Book Cliffs Resource Area Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Phone: (801) 789-1362.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2,627 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,384 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Drilling Activity

Anticipated Commencement Date : March 20, 1991  
Drilling Days : Approximately 10 Days  
Completion Days : Approximately 7 days

B. Notification of Operations

The Book Cliffs Resource Area Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5);
2. initiating pressure tests of the blow-out preventer and related equipment;
3. running casing and cementing of ALL casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval of the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

Immediate Report: spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the provisions of NTL-3A or its current revision.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the Authorized Officer, and all conditions of this approved plan will be applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the Authorized Officer.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) day or otherwise authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer.

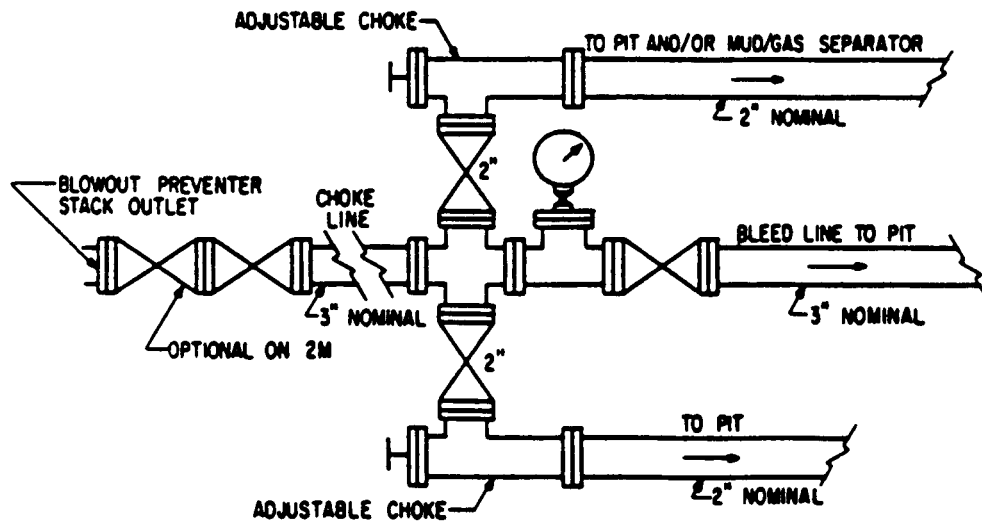
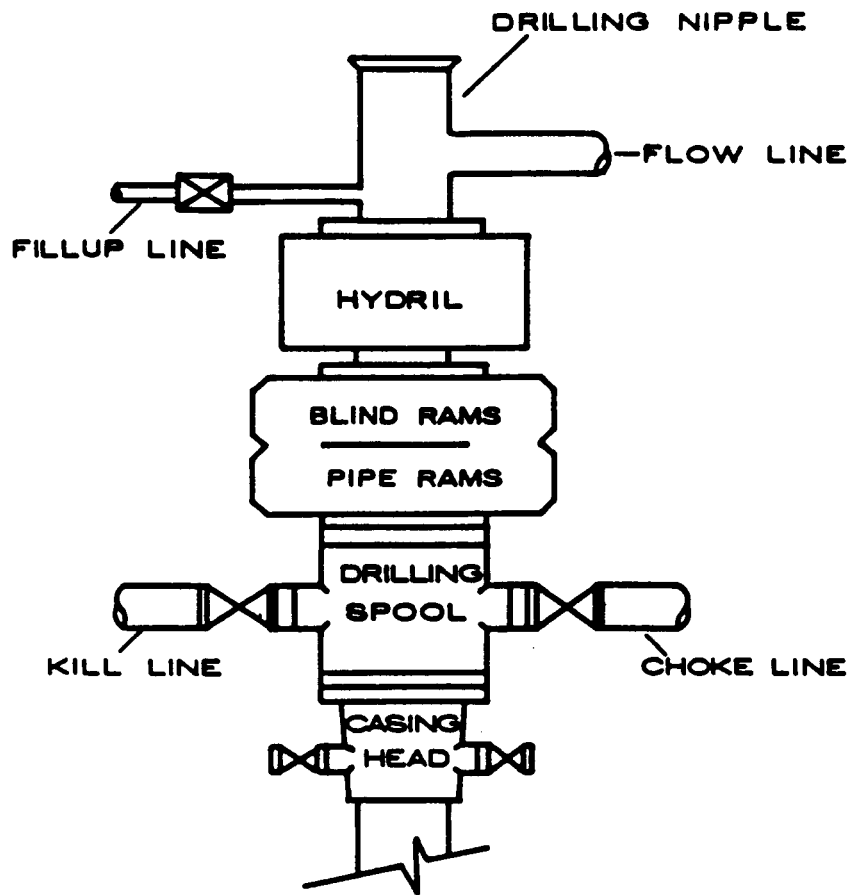
A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection. Final abandonment will not be approved until the surface reclamation work required by the approved Application for Permit to Drill has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

# BOP STACK



COASTAL OIL & GAS CORPORATION  
Lease #UTU-464, NBU #116  
Lot 4 (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ), Section 6, T10S, R22E  
Uintah County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" & "B" (shown in ORANGE)
  - A. The proposed well site is staked and four 200-foot reference stakes are present.
  - B. To reach the location from the town of Vernal, Utah; proceed generally southwest approximately 14.0 miles on U.S. Highway 40 (a paved U.S. highway), thence generally south approximately 10.0 miles on Utah Highway 88 (a paved state highway) to the town of Ouray, thence generally south approximately 6.9 miles on the Seep Ridge Road (an existing, upgraded Uintah County road), thence generally east approximately 5.0 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally east/northeast approximately 3.9 miles on the Mountain Fuel Pipeline Road (an existing, upgraded oilfield road - crowned & ditched with a gravel surface), thence generally south-southeast approximately 3.0 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally south approximately 1200 feet to the proposed NBU #116 well location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within a one-mile radius - refer to Map "B".
  - E. The existing gravel roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the NBU #116 well location.

2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 1200 feet of new road construction will be required for access to the proposed NBU #116 well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.
- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Rooding Guidelines established for oil and gas exploration and development activities as referenced in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.



2. Planned Access Roads: Continued

- B. Construction standard - the road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road.

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 3%.
- D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.
- E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.

2. Planned Access Roads: Continued

- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.
- J. The proposed access road is flagged.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 6, T10S, R22E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 31, T9S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 31, T9S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
C NE $\frac{1}{4}$ , Section 1, T10S, R21E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 6, T10S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 6, T10S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 6, T10S, R22E.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 31, T9S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 31, T9S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 31, T9S, R22E.  
C NE $\frac{1}{4}$ , Section 1, T10S, R21E.  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 6, T10S, R22E.  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 6, T10S, R22E.  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 6, T10S, R22E.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing - Continued

2. Production facilities - same as Item #4A1, above.
3. Oil gathering lines - none.
4. Gas gathering lines - same as Item #4A1, above.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the back-slope or toe of the fill slope.
2. The production facilities (consisting primarily of a christmas tree at the well head, dehydration unit, and emergency pit) will require an area approximately 300' X 135'. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (on-site for six months or longer) above-the-ground structures constructed or installed including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Five (5) State Rocky Mountain Interagency Committee. All production facilities will be painted within six (6) months of installation.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

B. New Facilities Contemplated - Continued

4. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

The required paint color is Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.

5. If at any time the facilities located on public lands and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the Bureau of Land Management will process a change in authorization to the appropriate statute). The authorization will be subject to the appropriate rental or other financial obligation as determined by the Authorized Officer.

- C. The production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9E (page #'s 8 & 9) for additional information on the fencing specifications.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management (Refer to Item #10A2 (page #10) for the appropriate seed mixture and rate of application).

5. Location and Type of Water Supply:

- A. Fresh water for drilling will be obtained from an existing water well and reservoir: Uintah #1, owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 16, Township 10 South, Range 21 East, Uintah County, Utah; permit #49-991 (A57530).

5. Location and Type of Water Supply: Continued

- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #116 well location. No new construction will be required on/along the proposed water haul route. No off-lease/unit Federal lands will be crossed on/along the proposed water haul route.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be obtained from a local contractor having a permitted source (private) of materials in the area. Refer to Item #2F (page #2) regarding any construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve/blooiie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/blooiie pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Coastal Oil & Gas Corporation.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

7. Methods of Handling Waste Materials:

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped as and the contents disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout: Continued

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be one (1) trailer on location during drilling operations for the toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations (Refer to Item #4B (page #4) for additional information in this regard).
- D. If porous subsoil materials (gravel, scoria, sand, faulted rock structures, etc.) are encountered during reserve pit construction, an impervious liner will be installed in order to prevent drilling water loss through seepage. We do not anticipate the need for a pit liner at this time.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:
  - 1. 30-inch net wire shall be used with at least one (1) strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  - 2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.
  - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

9. Wellsite Layout: Continued

E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:

5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within ninety (90) days from the date of well completion, weather permitting.



10. Plans for Reclamation of the Surface:

A. Production - Continued

6. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
7. A diversion ditch will be constructed above the east side of the location (after reclamation of the reserve pit area) and will be designed to divert runoff water to the south of the producing well location.
8. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to re-seeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces (including the access road and well pad areas) will be reseeded with the following seed mixture recommended by the Bureau of Land Management:

<u>Species</u>	<u>Lbs. PLS/Acre</u>
Hi-Crest Created Wheatgrass	5.0
Four-Wing Saltbush	6.0
Yellow Sweet Clover	1.0

Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost.

B. Dry Hole/Abandoned Location

1. At such time as the well is physically plugged and abandoned, Coastal Oil & Gas Corporation will submit a "Subsequent Report of Abandonment" to the Authorized Officer for approval. At that time, the Bureau of Land Management will formulate the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

11. Surface Ownership:

The well site and proposed access road are situated on surface estate which is owned by the United States of America and administered by:

Area Manager  
Book Cliffs Resource Area Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Phone: (801) 789-1362

12. Other Information:

- A. General Description of the Project Area: The proposed drill site is located within the Natural Buttes Unit in an area of northeastern Utah and more specifically in an area of moderately to severely eroded uplands located between the White River to the east (and north), the Green River to the west, Bitter Creek to the southeast, and Willow Creek to the southwest.

This area is classified as a "High Plains Steppe" (Cold Desert) and is characterized by gently to moderately undulated uplands dissected by numerous dendritically-patterned, ephemeral drainages of both the Green and White Rivers. Generally, local flora consists of native grasses such as salt grass, galleta grass, needle-and-thread grass, Indian ricegrass; and woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

There are no known threatened or endangered species that will be affected by implementation of operations on the proposed NBU #116 well location.

- B. Surface Use Activities: The primary surface use is for grazing.
- C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:
1. The closest source of permanent water is the White River.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

1. The White River is located approximately 4.0 miles to the east of the proposed NBU #116 well location.
2. The closest occupied dwellings are located in the town of Ouray, approximately 12.0 miles to north-west.
3. Coastal Oil & Gas Corporation will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. If historic or archaeological materials are uncovered, Coastal Oil & Gas Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If Coastal Oil & Gas Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Coastal Oil & Gas Corporation will be responsible for mitigation costs.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Coastal Oil & Gas Corporation will then be allowed to resume construction.

D. Additional Stipulations for Operations on Lands Administered by the Bureau of Land Management:

1. Coastal Oil & Gas Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Land Management, or the Uintah County Extension Office. On lands administered by the Bureau of Land Management, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.
2. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on federal lands after conclusion of drilling operations or at any other time without the proper authorization from the Bureau of Land Management. However, if BLM authorization is obtained, it is only a temporary measure to allow Coastal Oil & Gas Corporation the time to make arrangements for permanent storage at a commercial facility.
3. Coastal Oil & Gas Corporation shall contact the Bureau of Land Management between 24 and 48 hours prior to commencement of construction activities on the access road and/or well location: (801) 789-1362.
4. The Bureau of Land Management shall be notified upon site completion and prior to moving drilling tools onto the location.

13. Lessee's or Operator's Representative and Certification:

Representative

Coastal Oil & Gas Corporation  
Randy L. Bartley, Operations Manager  
P.O. Box 749  
Denver, Colorado 80201-0749  
Phone: (303) 572-1121

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Phone: (307) 266-4840

\* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Coastal Oil & Gas Corporation will be fully responsible for the actions of their subcontractors. A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Coastal Oil & Gas Corporation  
NBU #116  
Surface Use & Operations Plan  
Page 15

13. Lessee's or Operator's Representative and Certification:

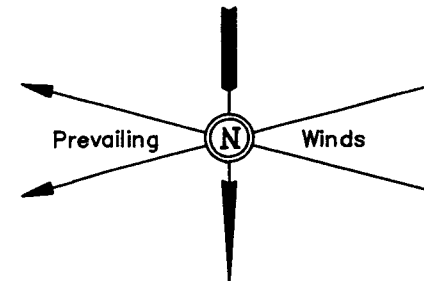
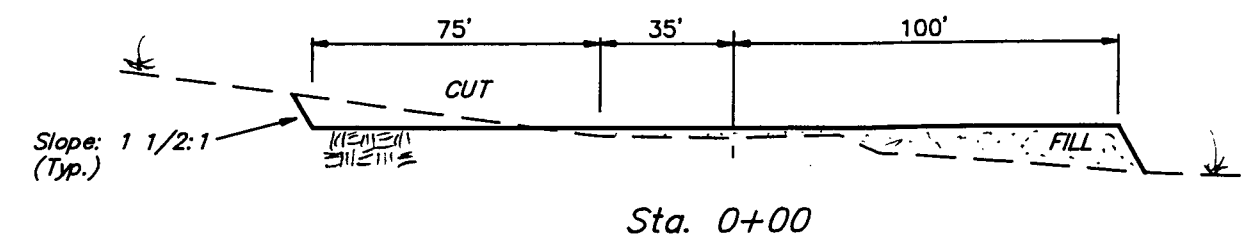
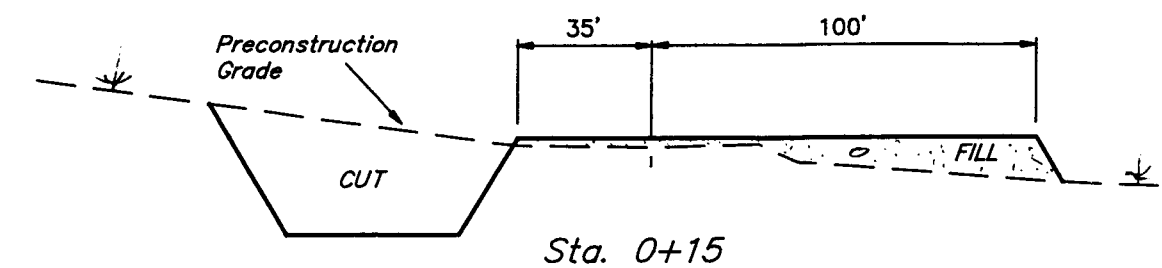
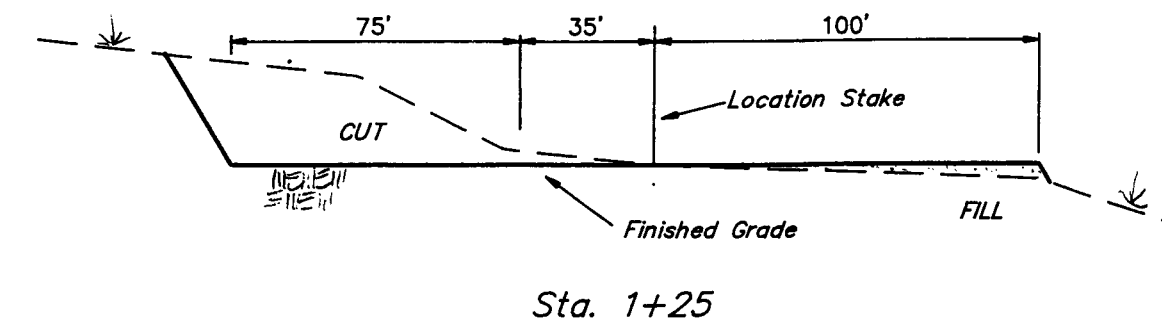
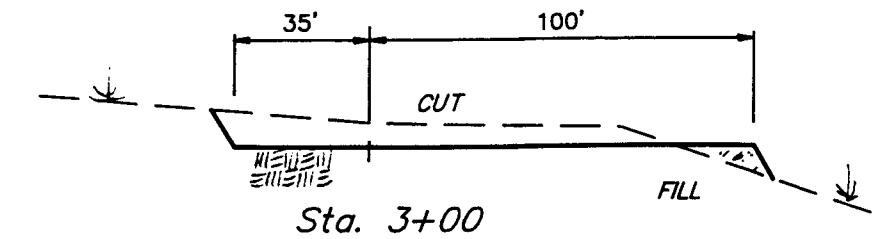
Certification: Continued

This statement is subject to the provisions of 18 U.S.C.  
1001 for the filing of a false statement.

12 DECEMBER 1990  
Date

  
Robert M. Anderson, Authorized Agent

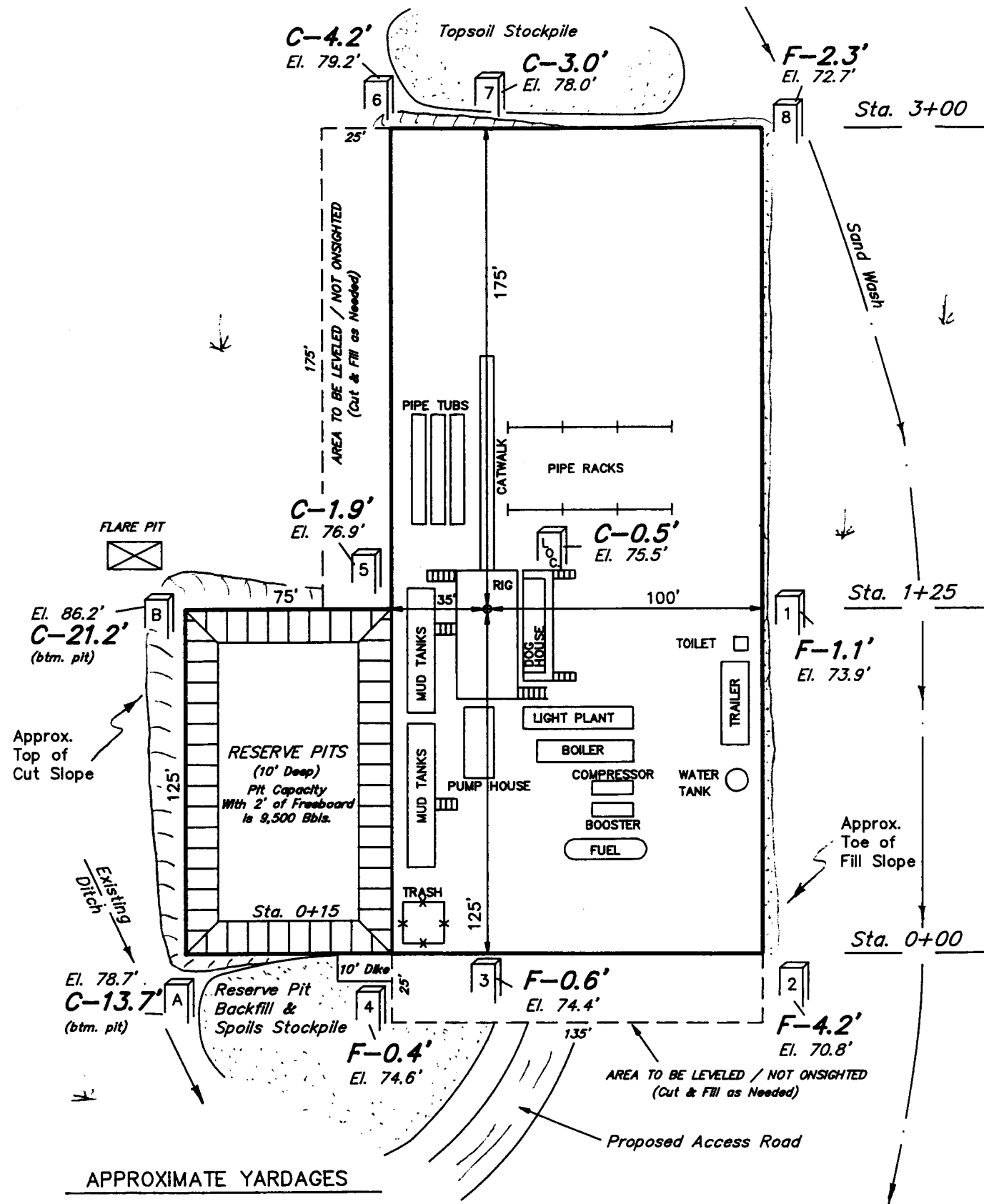
COASTAL OIL & GAS  
LOCATION LAYOUT FOR  
NBU #116  
SECTION 6, T10S, R22E, S.L.B.&M.



SCALE: 1" = 50'  
DATE: 9-27-90  
Drawn By: J.R.S.  
REVISED: 12-8-90 T.D.H.

X-Section  
Scale  
1" = 20'  
1" = 50'

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



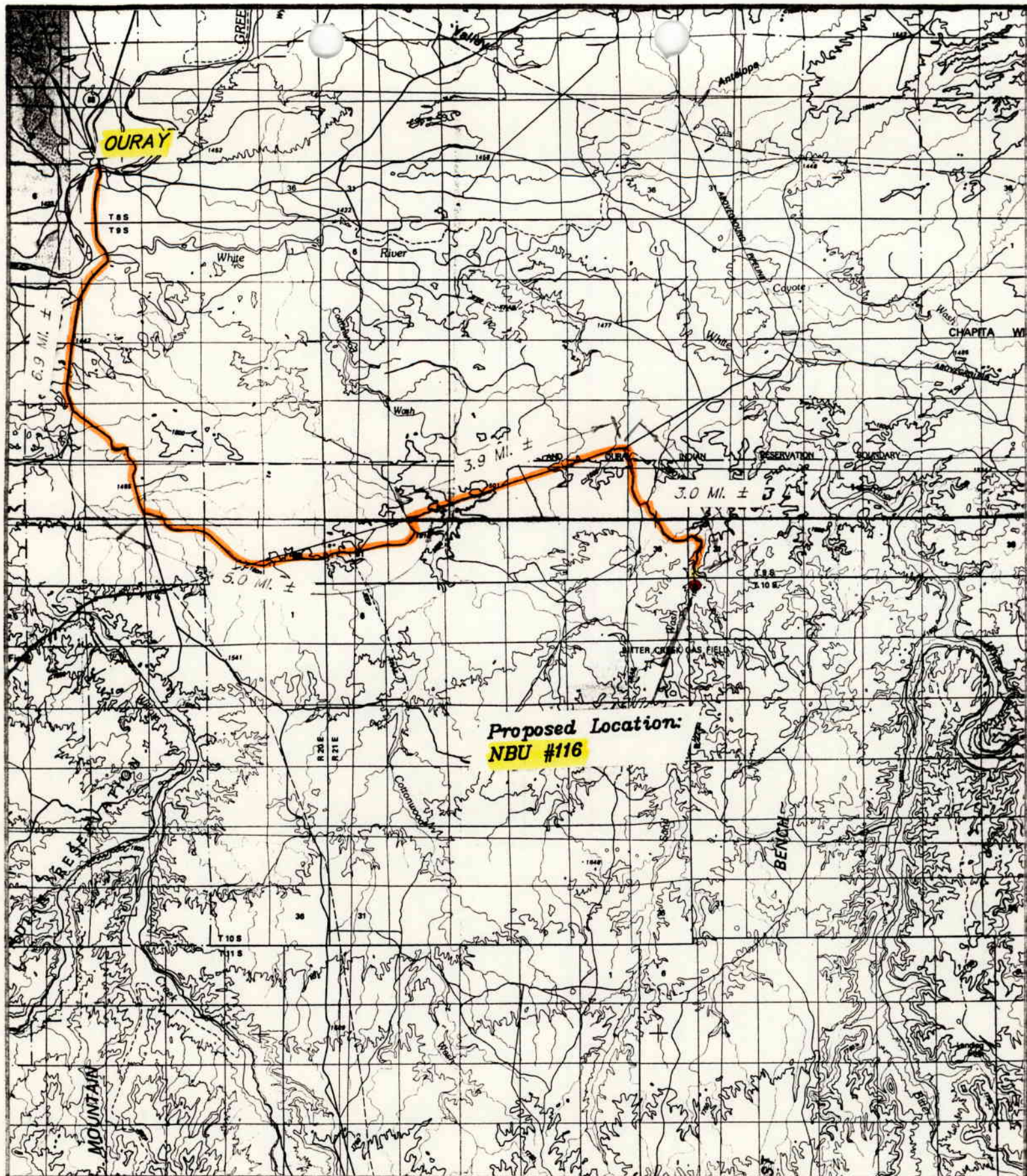
APPROXIMATE YARDAGES

CUT			
(6") Topsoil Stripping	=	1,000 Cu. Yds.	
Remaining Location	=	5,140 Cu. Yds.	
TOTAL CUT	=	6,140 CU.YDS.	
FILL	=	1,170 CU.YDS.	
EXCESS MATERIAL AFTER 5% COMPACTION	=	4,910 Cu. Yds.	
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,220 Cu. Yds.	
EXCESS UNBALANCE (After Rehabilitation)	=	2,690 Cu. Yds.	

Elev. Ungraded Ground At Loc. Stake = 4875.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4875.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah





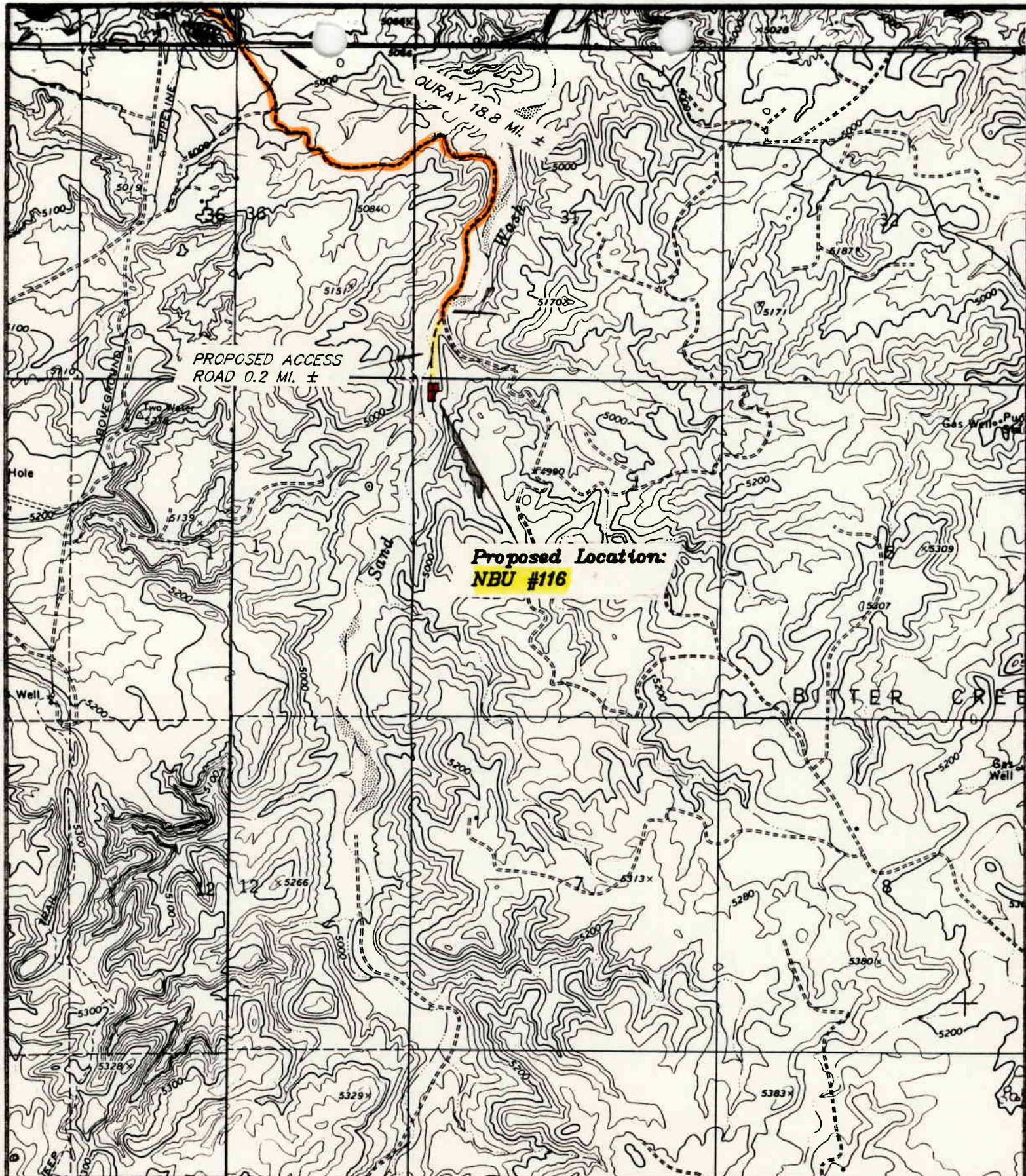
TOPOGRAPHIC  
MAP "A"

DATE 9-37-20

COASTAL OIL & GAS CORP.

NBU #116  
SECTION 6, T10S, R22E, S.L.B.&M.





TOPOGRAPHIC  
MAP "B"

SCALE: 1" = 2000'

DATE 2-20-90

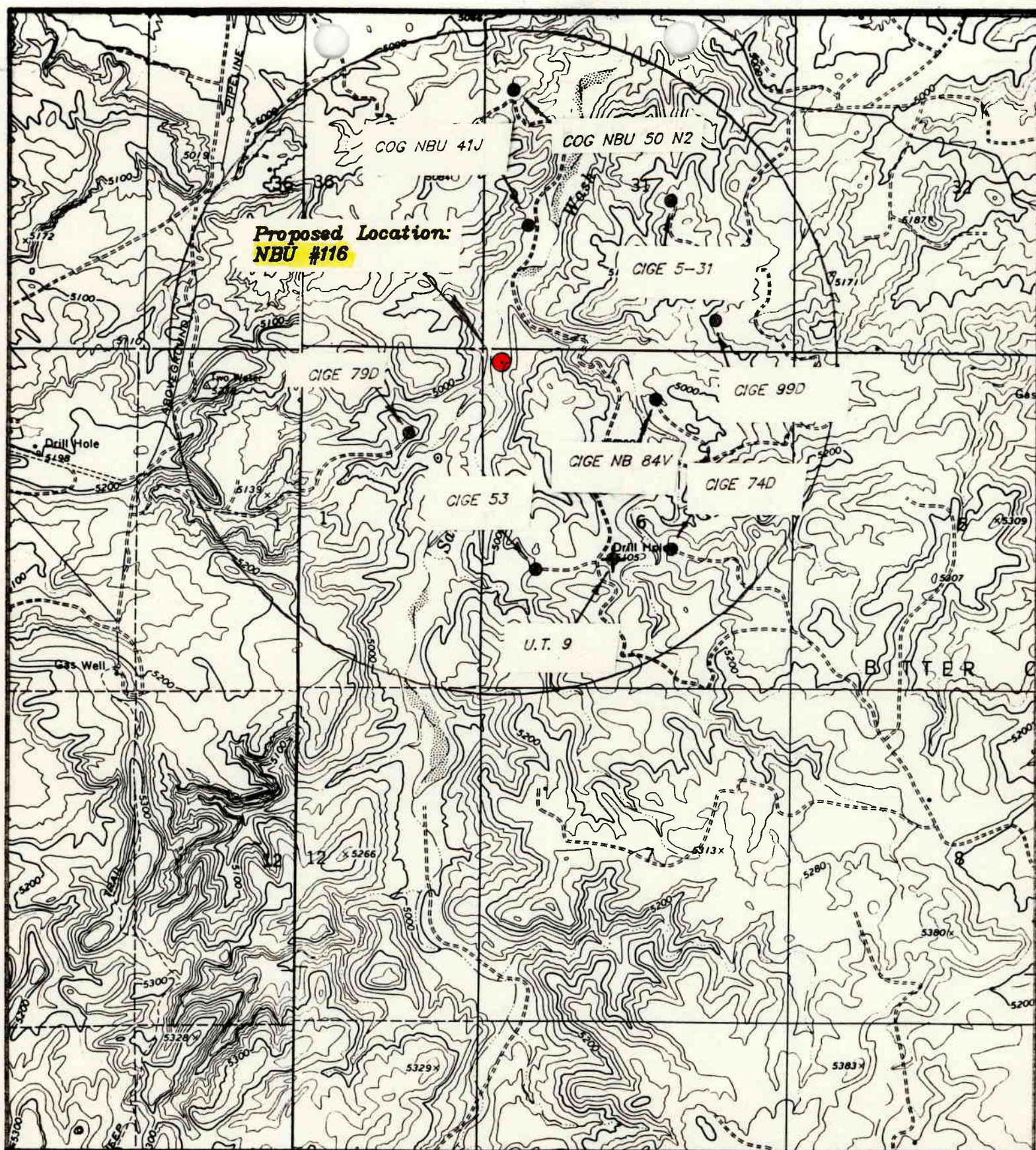


**COASTAL OIL & GAS CORP.**

NBU #116

SECTION 6, T10S, R22E, S.L.B.&M.





# **LEGEND:**

- = Water Wells
- = Abandoned Wells
- = Temporarily Abandoned Wells
- = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



**COASTAL OIL & GAS CORP.**

**NBU #116**

**SECTION 6, T10S, R22E, S.L.B.&M.**

**TOP O MAP "C"**

DATE: 9-30-90

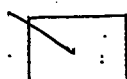


OPERATOR Coastal Oil Gas Corp 10030 DATE 10-20-90  
WELL NAME NBL 110  
SEC NW 1/4 T 10S R 00E COUNTY Utah

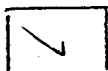
43-047-31905  
API NUMBER

Federal (1)  
TYPE OF LEASE

CHECK OFF:



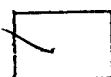
PLAT.



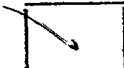
BOND



NEAREST  
WELL



LEASE



FIELD  
SLBM



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

1991 P.O.D. approved 10-20-90 by Lisa Thompson  
Water Permit 49-991 (A57530)  
Oil shale area

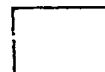
APPROVAL LETTER:

SPACING:

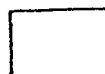


R615-2-3

Natural Buttes  
UNIT



R615-3-2



N/A  
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

Oil shale stipulation



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

December 27, 1990

Coastal Oil & Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201-0749

Gentlemen:

Re: NBU 116 - NW NW Sec. 6, T. 10S, R. 22E - Uintah County, Utah  
184' FNL, 314' FWL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Special attention is directed to compliance with Rule R615-3-31, which prescribes drilling procedures for designated oil shale areas.

In addition, the following actions are necessary to fully comply with this approval:


1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Coastal Oil & Gas Corporation  
NBU 116  
December 27, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31925.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-6

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749; Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

184' FNL, 314' FWL (Lot 4) Section 6, T10S, R22E

At proposed prod. zone

Same as Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately twelve (12) miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

184'

16. NO. OF ACRES IN LEASE

206.97

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2,000' ±

19. PROPOSED DEPTH

5,650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4876' GR

22. APPROX. DATE WORK WILL START\*

March 20, 1991

23.

PROPOSED CASING AND CEMENTING PROGRAM

(ALL NEW)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,650'	545 sx, Circulated to Surface *

\* Cement volumes may change due to hole size.  
Calculate from caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #116, Federal Lease #UTU-464. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Charles E. Mowry*  
Charles E. Mowry

TITLE District Drilling Manager

DATE 12/11/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

ASSISTANT DISTRICT  
MANAGER MINERALS

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE 1/17/91

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Coastal Oil & Gas Corp. Well No. 116

Location NWNW (Lot 4), Sec. 6, T10S., R22E. Lease No. U-464

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah Form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

#### 3. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem Tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized, and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the production casing.

5. Notifications of Operations

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is first measured through permanent metering facilities, whichever first occurs.

All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be



conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

**Gerald E. Kenczka**  
**Petroleum Engineer**

**(801) 781-1190**

**Ed Forsman**  
**Petroleum Engineer**

**(801) 789-7077**

**BLM FAX Machine:**

**(801) 789-3634**

## **EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

**While the following wastes are nonexempt, they are not necessarily hazardous:**

**Unused fracturing fluids or acids**

**Gas plant cooling tower cleaning wastes**

**Painting wastes**

**Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids.**

**Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste.**

**Refinery wastes**

**Liquid and solid wastes generated by crude oil and tank bottom reclaimers**

**Used equipment lubrication oils**

**Waste compressor oil, filters, and blowdown**

**Used hydraulic fluids**

**Waste solvents**

**Waste in transportation pipeline-related pits**

**Caustic or acid cleaners**

**Boiler refractory bricks**

**Incinerator ash**

**Laboratory wastes**

**Sanitary wastes**

**Pesticide wastes**

**Radioactive tracer wastes**

**Drums, insulation, and miscellaneous solids.**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-047-31925 *del*

NAME OF COMPANY: COASTAL OIL & GAS CORPORATION

WELL NAME: NBU #116

SECTION NWNW 6 TOWNSHIP 10S RANGE 22E COUNTY UINTAH

DRILLING CONTRACTOR COASTAL

RIG # 1

SPUDDED: DATE 1-27-91

TIME 8:00 p.m.

HOW DRY

DRILLING WILL COMMENCE UNKNOWN

REPORTED BY DON NICHOLS

TELEPHONE # 789-4200

DATE 1-30-91 SIGNED TAS

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Coastal Oil & Gas  
WELLNAME: NBU 116 API# 43-047-31925  
SECTION: 6 TWP: 10 S RANGE: 25 E  
INSPECTOR: Carol Kuby TIME: 3:00 DATE: 2/4/91  
REPRESENTATIVE: Larry Savaria PUSHER: Circle L Rig Co  
OPERATIONS: Logging up - derrick in air already  
SPUD DATE: 1/27/91 DEPTH: 250'

DRILLING AND COMPLETIONS:

<u>y</u> APD	<u>n</u> WELL SIGN	<u>y</u> SANITATION
<u>y</u> BOPE	<u>n</u> BLOOIE LINE	<u>n</u> H2S
<u>n</u> VENTED/FLARED	<u>y</u> RESERVE PIT	<u>n</u> FLARE PIT
<u>n</u> BURN PIT	<u>y</u> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____

PLUGS TESTED: \_\_\_\_\_ HOW \_\_\_\_\_ WOC \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE \_\_\_\_\_ PLATE

RECLAMATION:

\_\_\_\_\_ CONTOUR \_\_\_\_\_ RIP \_\_\_\_\_ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

NFRU - Should begin drilling 2/5/91. Reserve pit  
fenced & dry location ok.

APPROVED BY \_\_\_\_\_ HOW \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-464

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

184' FNL & 314' FWL (NWNW)  
Section 6, T10S-R22E

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Report of Spud

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 1) Spud the above-referenced well @ 8:00 A.M. 1/27/91 w/Leon Ross Drilling Service. Drilled 17-1/2" hole to 15' and set 13-3/8" conductor.
- 2) RURT Circle L #7. Spud w/rotary rig 1/29/91. Drilled to 200'. Set 3-5/8", 24#, K55 csg. @ 197'. (Change from original plans in APD of 250'. Verbal approval granted by Ed Forsman/BLM. Setting of surface csg. witnessed by Dave Brown, BLM.) Cemented 8-5/8" csg. w/180 sx. Cl "G" + additives. Cmt. to surface.
- 3) Drilling ahead.

Encountered freshwater @ 45'. Submitted Utah Form 7.

**RECEIVED**  
FEB 07 1991

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

*Green Canyon*  
Green Canyon

Title Regulatory Analyst

Date February 5, 1991

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

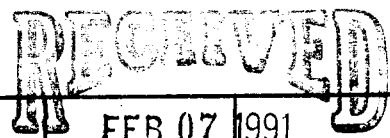
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N0230

ADDRESS P. O. Box 749

Denver, Colorado 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	<del>99999</del> 2900	2900	43-047-31925	Natural Buttes Unit #116	NWNW	6	10S	22E	Uintah	1/27/91	1/27/91
WELL 1 COMMENTS: Federal-Lease (New entity 2900 added 2-12-91) <i>for</i> Field-Natural Buttes Unit-Natural Buttes											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
<div style="text-align: right;">   FEB 07 1991  DIVISION OF OIL, GAS &amp; MINING </div>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

*Eileen Danni Dey*  
Signature Eileen Danni Dey

Regulatory Analyst 2-5-91  
Title Date

Phone No. (303) 573-4476

1. Well name and number: NBU #116  
API number: 43-047-31925 del

2. Well location: QQ WNW section 6 township 10S range 22E county Uintah

3. Well operator: Coastal Oil & Gas Corporation  
Address: P. O. Box 749 phone: (303) 573-4476  
Denver, Colorado 80201-0749

4. Drilling contractor: CoastalDril  
Address: 1285 East, 135 South phone: (801) 781-1736  
Vernal, Utah 84078

5. Water encountered (continue on reverse side if necessary)

[illegible]

DIVISION OF  
OIL, GAS & MINING

6. Formation tops: Tertiary Uintah-Surface

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

No Analysis Taken

I certify that this report is true and complete to the best of my knowledge.

Name Eileen Danni Dey  
Title Regulatory Analyst

Signature [Signature]  
Date February 5, 1991

Comments:



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Coastal Oil & Gas

WELLNAME: DBU #116 API# 43-047-31925

SECTION: 6 TWP: 10 South RANGE: 22 East

INSPECTOR: Carol Hubby TIME: 2:00 pm DATE: 2/11/91

REPRESENTATIVE: Larry Javieja PUSHER: Magne Zifelt Circle K

OPERATIONS: Drilling

SPUD DATE: 12/27/91 reg 2/8/91 DEPTH: 2053'

DRILLING AND COMPLETIONS:

<u>y</u> APD	<u>y</u> WELL SIGN	<u>y</u> SANITATION
<u>y</u> BOPE	<u>y</u> BLOOIE LINE	<u>N</u> H2S
<u>N</u> VENTED/FLARED	<u>y</u> RESERVE PIT	<u>y</u> FLARE PIT
<u>N</u> BURN PIT	<u>y</u> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____
_____	_____

PLUGS TESTED: \_\_\_\_\_ HOW \_\_\_\_\_ WOC \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE \_\_\_\_\_ PLATE

RECLAMATION:

\_\_\_\_\_ CONTOUR \_\_\_\_\_ RIP \_\_\_\_\_ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

Drilling @ 2053' Reserve pit & flare pit found, unlined & 1/2 full  
of oil fluids. Location of reserve sign are being  
reprinted due to errors

APPROVED BY \_\_\_\_\_ HOW \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

184' FNL & 314' FWL (NWNW)  
Section 6, T10S-R22E

5. Lease Designation and Serial No.

UTU-464

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Report of Operations  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached chronological report for the drilling and completion operations on the above-referenced location.

**RECEIVED**

MAY 10 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Steven Daniel Day Title Regulatory Analyst

Date 5/7/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NW/NW SECTION 6-T10S-R22E

NBU #116  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CIRCLE L #7  
WI: 100% COGC AFE: 12945  
ATD: 5550' (WASATCH) SD: 2/8/91  
CSG: 8-5/8" @ 209'  
CWC(M\$): 131.7

1/29/91 Drilling conductor hole. Started drilling hole Sunday, 1/27/91 @ 8:00 a.m. Plan to spud Friday, 2/1/91.

1/30/91 200' Drlg surf hole w/rathole digger. Plan to spud Sunday, 2/4/91.

1/31/91 200' Running 8-5/8" surf csg. will spud Sunday, 2/4/91.

2/1/91 200' MIRT. Drill 12-1/4" hole to 200'. Fresh wtr @ 45'. Drill 17-1/2" hole to 15' and set 13-3/8" csg. Ran 5 jts 8-5/8", 24#, K-55 csg (200.47'). Set at 197'. FC @ 156'. Cmt w/Western w/180 sx "G", 1/4#/sk Celloflake, 2% CaCl<sub>2</sub>. Circ 1 bbl to surf - good cmt. CC: \$18,376.

2/2/91 200' RURT.

2/3/91-2/4/91 200' RURT. Will spud Tuesday, 2/5/91.

2/5/91 RURT. Will spud tonight. CC: \$5153.

2/6/91 212' Test BOP's. Rathole and mousehole caved in due to shallow wtr flow. Will redrill rat & mousehole. CC: \$35,300.

2/7/91 212' Redrill and blow rathole. Test BOP to 2000 psi, test csg to 1500 psi. Leak to 950 psi/30 min. Verbal OK per BLM Ed Forsman, Vernal, to proceed w/o test on csg. Must submit sundry notice. Install handwheels. RU gas buster and kill lines. Redrill mousehole and rathole. CC: \$95,588.

2/8/91 280' Drlg 68 1/2 hrs. Spud @ 4:00 a.m. on 2/8/91. Repair booster. Blow & ream rathole. RU power swivel and redrill. LD power swivel & weld flowline. PU DC, install rotating head and blow hole. Tag cmt @ 157', drill float cmt & shoe, drlg w/air mist. Air: 1400 CFM. CC: \$114,638.

2/9/91 945' Change out rotating hd rubber. Repair air compressor. Drlg, RS, drlg - bit plugged. Attempt to unplug bit. TOH, unplug bit, TIH. Drlg, press up. Bit plugging. Unload hole. Drlg, trip and pull jets from bit. Drlg, svy, drlg. Encountered wtr @ 905'. Chg rot hd rubber. Drlg w/aerated wtr. Air 1400 CFM. CC: \$70,921.

2/10/91 1515' Drlg 570 1/23 hrs. Drlg, svy, drlg, RS, drlg. Aerated wtr. SVY: 1-1/2 deg @ 1434'. CC: \$81,721.

2/11/91 1968' Drlg 453 1/18 hrs. Circ & blow kelly. TOOH, put jets in bit. TIH, drlg, RS, svys. Drlg w/aerated wtr. Air 400-800 CFM. SVYS: 2-1/2 deg @ 1630'; 1-3/4 deg @ 1720'. CC: \$87,936.

2/12/91 2685' Drlg 717 1/18 hrs. Drlg, repair booster, replace yellow dog. Drlg, RS, svys, drlg w/aerated wtr. SVYS: 1 deg @ 1962'; 3/4 deg @ 2461'. PH 10.0, AIR 800 SCFM. CC: \$105,552.

2/13/91 3525' Drlg 840 1/23.5 hrs. Drlg, Svy: 1-3/4 deg @ 2990'. Drlg w/aerated wtr. CC: \$112,363.

2/14/91 4242' Drlg 717 1/16 hrs. Svy @ 3480'. Drlg, RS, drlg. TOH w/bit #1, TIH w/bit #2. Cut drlg line. TIH and ream 30' to btm. Drlg, svy, drlg w/aerated wtr. SVYS: 2 deg @ 3480'; 1-1/4 deg @ 3984'. CC: \$124,694.

2/15/91 4970' Drlg 728 1/23 hrs. Drlg, svys, drlg w/aerated wtr. SVYS: 1-3/4 deg @ 4396'; 1-1/4 deg @ 4881'. MW 8.3, PH 10.5. CC: \$131,179.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #116  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PAGE 2

2/16/91 5487' Drlg 517'/22.5 hrs. Drlg, RS, repair pmp. Drlg, RS & svy, drlg w/aerated wtr. SVY: 1 deg @ 5376'. PH 10.5, air 300 CFM. CC: \$138,284.

2/17/91 5600' TIH. 113'/5 hrs. Drlg, pump repair. Drlg, well flwg. Circ @ 5550', drlg. RS, load hle w/400 bbls, 10# brine. Circ thru chk. TOH for logs. SLM - no corr. RU Howco and log. DIL/Cal, FDC/CNL. Logger's TD 5559'. CC: \$159,424.

2/18/91 5600' RDRT. TIH to 5500'. WO brine, TIH. Pump 400 bbls, 10 ppg brine, kill well. LD DP & DC's. Run 5-1/2" csg. 132 jts (5602.57'), 5-1/2" 17# J-55 LT&C. FS 5600'; FC 5558'. Circ csg and RU Howco. Pump 10 bbls FW, 24 bbls SuperFlush, 10 bbls FW, 645 sx Silicalite, .3% Halad-413, 3#/sk Capseal, 1/4#/sk Floseal; 580 sx "G", .3% Halad-413, 0.2% Super CBL, 1#/sl Capseal, 1/4#/sk Floseal. Displ w/129 bbls FW. PD 12:00 p.m., 2/17/91. Bump plug to 2000 psi, 500 psi over. Floats held, no returns throughout, good lift throughout. Set csg slips w/100M#, ND BOP. rig released 4:00 a.m., 2/18/91. Check BHA, 1 cracked DC (box). CC: \$249,330.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 3

NBU #116  
SECTION 6, T10S, R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.0% COGC AFE: 12945  
TD: 5600' (WASATCH)  
SD: 2/8/91  
CSG: 5-1/2" @ 5600'  
PERFS: 4591'-5492'  
CWC(M\$): \$320.9

2/21/91 Prep to MICU.  
DC: \$500 TC: \$249,830

2/22/91 MIRU Welltech. NU BOP's. RIH w/2-3/8" tbg. Tag PBTD @ 5535'.  
DC: \$22,656 TC: \$272,486

2/23/91 Prep to perf. Circ csg w/3% KCl. POOH w/tbg. RU perforators. Ran  
CBL-CCL-GR log 5535' to 1550' (TOC). Pressure test csg to 5000 psi.  
DC: \$20,347 TC: \$292,833

2/24/91 Prep to break down. RIH w/4" csg guns. Perf 4591'-5492' w/20 shots.  
RD WL. RIH w/2-3/8" tbg. Set @ 4455', SN @ 4424'. ND BOP's.  
DC: \$1,113 TC: \$293,946

2/25/91 Flow test well. Break down Wasatch perfs w/4000 gals 3% KCl wtr and  
40 BS's. Balled off perfs. ISIP 900 psi. RU to swab. Recovered  
110 bbls in 7 runs. Well flowed then died. Recovered 25 bbls in 4  
runs. FFL @ 4423'. Put on 20/64" choke to pit.  
DC: \$1,969 TC: \$295,915

2/26/91 Flow testing, 300 MCFD, FTP 110 psi, 20/64" choke. RDMO Welltech.  
DC: \$625 TC: \$296,540

2/27/91 Flow testing, 210 MCFD, FTP 100 psi, 15/64" choke.

2/28/91 Install pressure recorder. SI for pressure buildup. SITP 1800 psi.

3/1/91 SITP 1860 psi.  
3/2/91 SITP 1989 psi.  
3/3/91 SITP 2018 psi.  
3/4/91 SITP 2035 psi.  
3/5/91 SITP 2048 psi.  
3/6/91 SITP 2057 psi.  
3/7/91 SITP 2063 psi.  
3/8/91 SITP 2068 psi.  
3/9/91 SITP 2071 psi.  
3/10/91 SITP 2076 psi.  
3/11/91 SITP 2076 psi.  
3/12/91 SITP 2080 psi.  
3/13/91 SITP 2082 psi.  
3/14/91 SITP 2080 psi.  
3/15/91 SITP 2080 psi.  
3/16/91 SITP 2086 psi.  
3/17/91 SITP 2088 psi.  
3/18/91 SITP 2089 psi.  
3/19/91 SITP 2089 psi.  
3/20/91 SITP 2091 psi.  
3/21/91 SITP 2093 psi.  
3/22/91 SITP 2094 psi.

3/23/91 SITP 2093 psi. Removed recorder @ 10:25 a.m. Left well on 20/64"  
choke flowing to pit.

3/24/91 Shut-in, waiting on frac. Fixed wellhead leak.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 4

NBU #116  
SECTION 6, T10S, R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.0% COGC     AFE: 12945

4/15/91     Cmt 5-1/2" x 8-5/8" annulus. Pump 20 bbl LCM pill. Pump 55 sx Super "G" w/.7% CF<sub>2</sub>, 2% CaCl<sub>2</sub>, 1/4#/sk Cello Seal, 3#/sx Hi-Seal. Pump 240 sx Super "G" w/.7% CF<sub>2</sub>, 2% CaCl<sub>2</sub>. On vacuum throughout job.  
DC: \$7,227     TC: \$303,767

4/16/91     Shut-in, waiting on frac. Drop from report until further activity.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 184' FNL & 314' FWL (NWNW)

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO. 43-047-31925  
DATE ISSUED 12/27/90

5. LEASE DESIGNATION AND SERIAL NO.

UTU-464

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

NBU

9. WELL NO.

#116

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 6, T10S-R22E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

15. DATE SPUDDED 1/27/91  
16. DATE T.D. REACHED 2/16/91  
17. DATE COMPL. (Ready to prod.) 2/26/91  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4876' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5600'  
21. PLUG BACK T.D., MD & TVD 5535'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY SFC-TD  
ROTARY TOOLS  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4591-5492' Wasatch

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DUAL LATERLOGS,

DIL-CAL, FDC-CNL, CBL-GR-CCL 3-11-91

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	209'	12-1/4"	180 sx Cl "G" + additives	NONE
5-1/2"	17#	5,600'	7-7/8"	645 sx Silicalite+580 sx Cl "G"	NONE
				295 sx Super "G" (See chrono for Bullhead squeeze)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4455'	N/A

31. PERFORATION RECORD (Interval, size and number)

1 JSPF w/4" csg. gun @ following depths:

4591'	5137'	5270'	5469'
4593'	5141'	5278'	5474'
4717'	5145'	5319'	5480'
4719'	5262'	5322'	5489'
5135'	5267'	5462'	5492'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4591-5492'	4000 gals. 3% KCL wtr. + 40 B.S.

33. PRODUCTION

DATE FIRST PRODUCTION 2/24/91  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing  
WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/26/91	24	15/64	→	0	210	0	N/A

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
100	260	→	0	210	0	N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

H. Ivie

SIWOPLC

35. LIST OF ATTACHMENTS

Chronological Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Eileen Danni Dev

TITLE

Regulatory Analyst

DATE 5/17/91

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p>RECEIVED</p> <p>MAY 23 1991</p> <p>DIVISION OF OIL GAS &amp; MINES</p>

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch Fm	4352'	4352'



COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #116  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CIRCLE L #7  
WI: 100% COGC AFE: 12945  
ATD: 5550' (WASATCH) SD: 2/8/91  
CSG: 8-5/8" @ 209'  
CWC(M\$): 131.7

NW/NW SECTION 6-T10S-R22E

1/29/91 Drilling conductor hole. Started drilling hole Sunday, 1/27/91 @ 8:00 a.m. Plan to spud Friday, 2/1/91.

1/30/91 200' Drlg surf hole w/rathole digger. Plan to spud Sunday, 2/4/91.

1/31/91 200' Running 8-5/8" surf csg. will spud Sunday, 2/4/91.

2/1/91 200' MIRT. Drill 12-1/4" hole to 200'. Fresh wtr @ 45'. Drill 17-1/2" hole to 15' and set 13-3/8" csg. Ran 5 jts 8-5/8", 24#, K-55 csg (200.47'). Set at 197'. FC @ 156'. Cmt w/Western w/180 sx "G", 1/4#/sk Celloflake, 2% CaCl<sub>2</sub>. Circ 1 bbl to surf - good cmt. CC: \$18,376.

2/2/91 200' RURT.

2/3/91- 200' RURT. Will spud Tuesday, 2/5/91.  
2/4/91

2/5/91 RURT. Will spud tonight. CC: \$5153.

2/6/91 212' Test BOP's. Rathole and mousehole caved in due to shallow wtr flow. Will redrill rat & mousehole. CC: \$35,300.

2/7/91 212' Redrill and blow rathole. Test BOP to 2000 psi, test csg to 1500 psi. Leak to 950 psi/30 min. Verbal OK per BLM Ed Forsman, Vernal, to proceed w/o test on csg. Must submit sundry notice. Install handwheels. RU gas buster and kill lines. Redrill mousehole and rathole. CC: \$95,588.

2/8/91 280' Drlg 68'/2 hrs. Spud @ 4:00 a.m. on 2/8/91. Repair booster. Blow & ream rathole. RU power swivel and redrill. LD power swivel & weld flowline. PU DC, install rotating head and blow hole. Tag cmt @ 157', drill float cmt & shoe, drlg w/air mist. Air: 1400 CFM. CC: \$114,638.

2/9/91 945' Change out rotating hd rubber. Repair air compressor. Drlg, RS, drlg - bit plugged. Attempt to unplug bit. TOH, unplug bit, TIH. Drlg, press up. Bit plugging. Unload hole. Drlg, trip and pull jets from bit. Drlg, svy, drlg. Encountered wtr @ 905'. Chg rot hd rubber. Drlg w/aerated wtr. Air 1400 CFM. CC: \$70,921.

2/10/91 1515' Drlg 570'/23 hrs. Drlg, svy, drlg, RS, drlg. Aerated wtr. SVY: 1-1/2 deg @ 1434'. CC: \$81,721.

2/11/91 1968' Drlg 453'/18 hrs. Circ & blow kelly. TOOH, put jets in bit. TIH, drlg, RS, svys. Drlg w/aerated wtr. Air 400-800 CFM. SVYS: 2-1/2 deg @ 1630'; 1-3/4 deg @ 1720'. CC: \$87,936.

2/12/91 2685' Drlg 717'/18 hrs. Drlg, repair booster, replace yellow dog. Drlg, RS, svys, drlg w/aerated wtr. SVYS: 1 deg @ 1962'; 3/4 deg @ 2461'. PH 10.0, AIR 800 SCFM. CC: \$105,552.

2/13/91 3525' Drlg 840'/23.5 hrs. Drlg, Svy: 1-3/4 deg @ 2990'. Drlg w/aerated wtr. CC: \$112,363.

2/14/91 4242' Drlg 717'/16 hrs. Svy @ 3480'. Drlg, RS, drlg. TOH w/bit #1, TIH w/bit #2. Cut drlg line. TIH and ream 30' to btm. Drlg, svy, drlg w/aerated wtr. SVYS: 2 deg @ 3480'; 1-1/4 deg @ 3984'. CC: \$124,694.

2/15/91 4970' Drlg 728'/23 hrs. Drlg, svys, drlg w/aerated wtr. SVYS: 1-3/4 deg @ 4396'; 1-1/4 deg @ 4881'. MW 8.3, PH 10.5. CC: \$131,179.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #116  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PAGE 2

2/16/91 5487' Drlg 517'/22.5 hrs. Drlg, RS, repair pmp. Drlg, RS & svy, drlg w/aerated wtr. SVY: 1 deg @ 5376'. PH 10.5, air 300 CFM. CC: \$138,284.

2/17/91 5600' TIH. 113'/5 hrs. Drlg, pump repair. Drlg, well flwg. Circ @ 5550', drlg. RS, load hle w/400 bbls, 10# brine. Circ thru chk. TOH for logs. SLM - no corr. RU Howco and log. DIL/Cal, FDC/CNL. Logger's TD 5559'. CC: \$159,424.

2/18/91 5600' RDRT. TIH to 5500'. WO brine, TIH. Pump 400 bbls, 10 ppg brine, kill well. LD DP & DC's. Run 5-1/2" csg. 132 jts (5602.57'), 5-1/2" 17# J-55 LT&C. FS 5600'; FC 5558'. Circ csg and RU Howco. Pump 10 bbls FW, 24 bbls SuperFlush, 10 bbls FW, 645 sx Silicalite, .3% Halad-413, 3#/sk Capseal, 1/4#/sk Floseal; 580 sx "G", .3% Halad-413, 0.2% Super CBL, 1#/sl Capseal, 1/4#/sk Floseal. Displ w/129 bbls FW. PD 12:00 p.m., 2/17/91. Bump plug to 2000 psi, 500 psi over. Floats held, no returns throughout, good lift throughout. Set csg slips w/100M#, ND BOP. rig released 4:00 a.m., 2/18/91. Check BHA, 1 cracked DC (box). CC: \$249,330.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 3

NBU #116  
SECTION 6, T10S, R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.0% COGC AFE: 12945  
TD: 5600' (WASATCH)  
SD: 2/8/91  
CSG: 5-1/2" @ 5600'  
PERFS: 4591'-5492'  
CWC(M\$): \$320.9

2/21/91 Prep to MICU.  
DC: \$500 TC: \$249,830

2/22/91 MIRU Welltech. NU BOP's. RIH w/2-3/8" tbg. Tag PBTD @ 5535'.  
DC: \$22,656 TC: \$272,486

2/23/91 Prep to perf. Circ csg w/3% KCl. POOH w/tbg. RU perforators. Ran  
CBL-CCL-GR log 5535' to 1550' (TOC). Pressure test csg to 5000 psi.  
DC: \$20,347 TC: \$292,833

2/24/91 Prep to break down. RIH w/4" csg guns. Perf 4591'-5492' w/20 shots.  
RD WL. RIH w/2-3/8" tbg. Set @ 4455', SN @ 4424'. ND BOP's.  
DC: \$1,113 TC: \$293,946

2/25/91 Flow test well. Break down Wasatch perfs w/4000 gals 3% KCl wtr and  
40 BS's. Balled off perfs. ISIP 900 psi. RU to swab. Recovered  
110 bbls in 7 runs. Well flowed then died. Recovered 25 bbls in 4  
runs. FFL @ 4423'. Put on 20/64" choke to pit.  
DC: \$1,969 TC: \$295,915

2/26/91 Flow testing, 300 MCFD, FTP 110 psi, 20/64" choke. RDMO Welltech.  
DC: \$625 TC: \$296,540

2/27/91 Flow testing, 210 MCFD, FTP 100 psi, 15/64" choke.

2/28/91 Install pressure recorder. SI for pressure buildup. SITP 1800 psi.

3/1/91 SITP 1860 psi.  
3/2/91 SITP 1989 psi.  
3/3/91 SITP 2018 psi.  
3/4/91 SITP 2035 psi.  
3/5/91 SITP 2048 psi.  
3/6/91 SITP 2057 psi.  
3/7/91 SITP 2063 psi.  
3/8/91 SITP 2068 psi.  
3/9/91 SITP 2071 psi.  
3/10/91 SITP 2076 psi.  
3/11/91 SITP 2076 psi.  
3/12/91 SITP 2080 psi.  
3/13/91 SITP 2082 psi.  
3/14/91 SITP 2080 psi.  
3/15/91 SITP 2080 psi.  
3/16/91 SITP 2086 psi.  
3/17/91 SITP 2088 psi.  
3/18/91 SITP 2089 psi.  
3/19/91 SITP 2089 psi.  
3/20/91 SITP 2091 psi.  
3/21/91 SITP 2093 psi.  
3/22/91 SITP 2094 psi.

3/23/91 SITP 2093 psi. Removed recorder @ 10:25 a.m. Left well on 20/64"  
choke flowing to pit.

3/24/91 Shut-in, waiting on frac. Fixed wellhead leak.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #116  
SECTION 6, T10S, R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.0% COGC     AFE: 12945

Page 4

4/15/91     Cmt 5-1/2" x 8-5/8" annulus. Pump 20 bbl LCM pill. Pump 55 sx Super  
              "G" w/.7% CF<sub>2</sub>, 2% CaCl<sub>2</sub>, 1/4#/sk Cello Seal, 3#/sx Hi-Seal. Pump 240  
              sx Super "G" w/.7% CF<sub>2</sub>, 2% CaCl<sub>2</sub>. On vacuum throughout job.  
              DC: \$7,227             TC: \$303,767

4/16/91     Shut-in, waiting on frac. Drop from report until further activity.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-464

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or L.A. Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of well (Footage, sec., T., R., M., or Survey Description)

184' FNL & 314' FWL (NWNW)  
Section 6, T10S-R22E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recommission  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Pipeline R-O-W  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measures and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #116 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 6, T10S-R22E and Section 31, T9S-R22E within lease #UTU-464 and lease #ML-23607-ST and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of 2400'. There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

RECEIVED

AUG 22 1991

DIVISION OF  
OIL GAS & MINING

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

8-26-91

J. M. Matthews

14. I hereby certify that the foregoing is true and correct

Signed William D. Davis Day

Title Regulatory Analyst

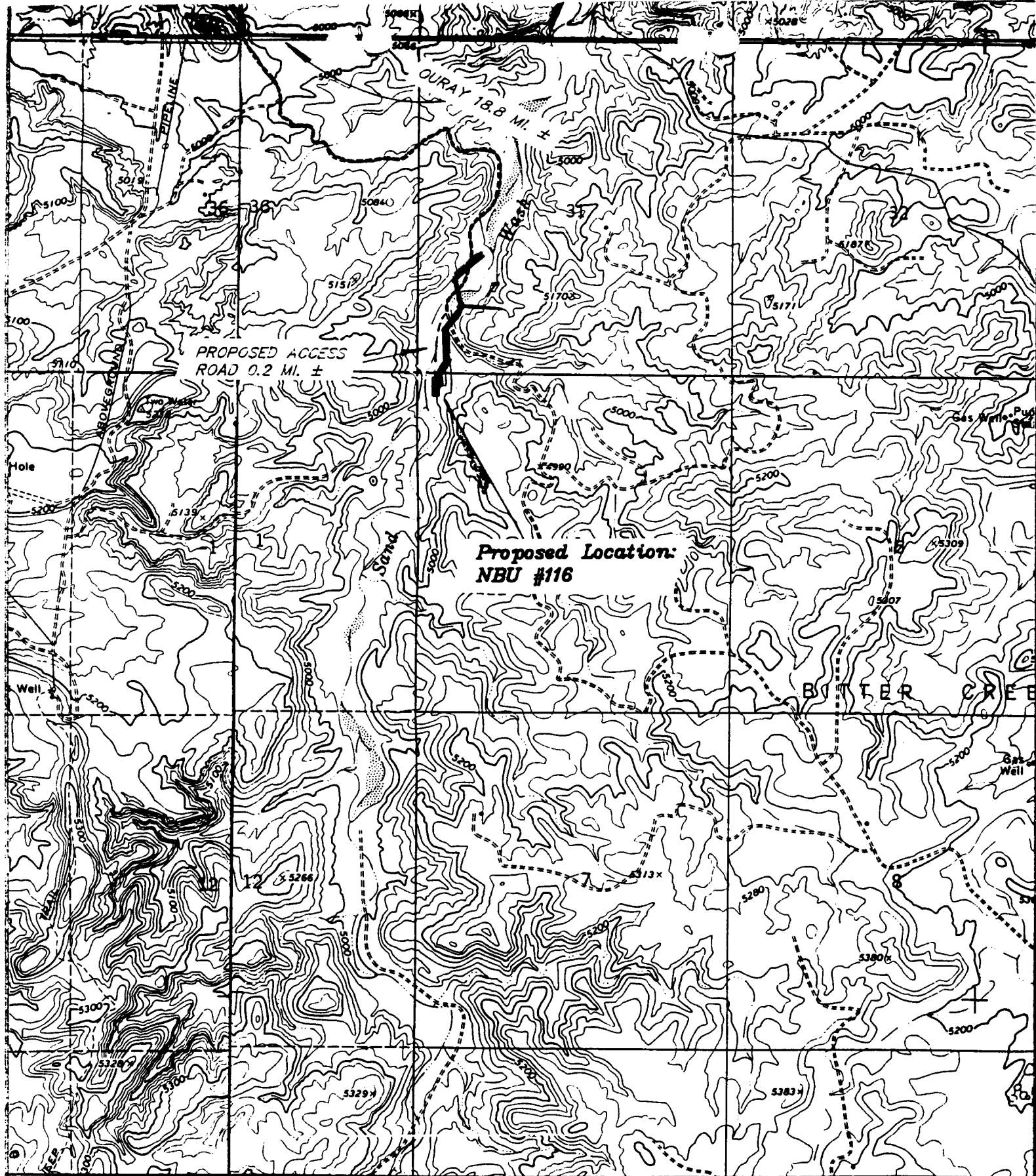
Date 8/20/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions or approvals, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_



PROPOSED PIPELINE R.O.W.

TOPOGRAPHIC  
MAP "B"

SCALE: 1" = 2000'

DATE 3-30-90

COASTAL OIL & GAS CORP.

NBU #116

SECTION 6, T10S, R22E, S.L.B.&M.

NW1/4 SEC. 6 = LEASE # U-464

SWSW SEC. 31, T9S-R22E = LEASE # U-464

NWSEW SEC. 31, T9S-R22E = LEASE # MC 23607 ST



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Section No.

UTU-464

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or L.A. Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Expansive Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

Type of well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 30201-0749 (303) 573-4476

4. Location of well (Footage, Sec., T., R., M., or Survey Description)

184' FNL & 314' FWL (NW/NW)  
Section 6, T10S-R22E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recommendation  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Fracture Treatment

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report return of water from well  
Completed or Abandonment Report and Log form.)

13. Describe proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work, if well is discontinuously drilled, give subsurface locations and measures and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the fracture treatment performed on the above referenced well.

RECEIVED

OCT 15 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Regulatory Analyst

Date 10/10/91

This space for Federal or State official use

Approved by

Title

Date

Conditions of approval, if any:

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #116  
SECTION 6, T10S, R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.0% COGC     AFE: 12945 R1

Page 4

8/1/91     Flow back after frac. MIRU Howco. Frac well w/84,300 gal 3% KCl gel, 70% CO<sub>2</sub> foam, 154,950 lbs sand, 240 tons CO<sub>2</sub>. AIR 35 BPM, AIP 3800 psi, ISIP 1640 psi, 15 min 1630 psi. Shut well in 5 hrs.  
DC: \$86,560     TC: \$390,327

8/2/91     Flowing 3.3 MMCFD CO<sub>2</sub>, FTP 1750 psi, CP 900 psi, 18/64" choke, 5-10 BWPd.

8/3/91     Flowing 3.5 MMCFD CO<sub>2</sub>, FTP 1500 psi, CP 860 psi, 20/64" choke, heavy mist H<sub>2</sub>O.

8/4/91     Flowing 3.4 MMCFD CO<sub>2</sub>, FTP 1350 psi, CP 875 psi, 20/64" choke, 5-10 BWPd.

8/5/91     Flowing 3.2 MMCFD CO<sub>2</sub>, FTP 1820 psi, CP 900 psi, 20/64" choke, 5-10 BWPd.

8/6/91     Flowing 3.1 MMCFD CO<sub>2</sub>, FTP 1275 psi, CP 900 psi, 20/64" choke, 20 BWPd.

8/7/91     Flowing 2.8 MMCFD CO<sub>2</sub>, FTP 1140 psi, CP 850 psi, 20/64" choke.

8/8/91     Flowing 2.6 MMCFD, FTP 1080 psi, CP 850 psi, 20/64" choke. Gas will burn - still high CO<sub>2</sub> content.

8/9/91     Flowing 2.6 MMCFD, FTP 1040 psi, CP 700 psi, 20/64" choke.

8/10/91    Flowing 2.4 MMCFD, FTP 980 psi, CP 780 psi, 20/64" choke.

8/11/91    Flowing 2.4 MMCFD, FTP 975 psi, CP 750 psi, 20/64" choke.

8/12/91    SI waiting on pipeline connection. Drop from report until further activity.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

184' FNL & 314' FWL (NW/NW)  
Section 6, T10S-R22E

5. Lease Designation and Serial No.

UTU-464

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Report of 1st Production and Sales  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above referenced well was connected to CIG's gas sales pipeline and first sales occurred on 10/29/91 with a rate of 1044 MCFD, FTP 1750 psi, 12/64" choke.

RECEIVED

NOV 13 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Eileen Danna Dey*  
Eileen Danna Dey  
(This space for Federal or State office use)

Title Regulatory Analyst

Date 11/7/91

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

DIVISION OF  
SUNDRY NOTICES AND REPORTS ON WELLS OIL GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL 2B; IV  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date or starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Analyst

Date 4/14/92

(This space for Federal or State office use)

Approved by

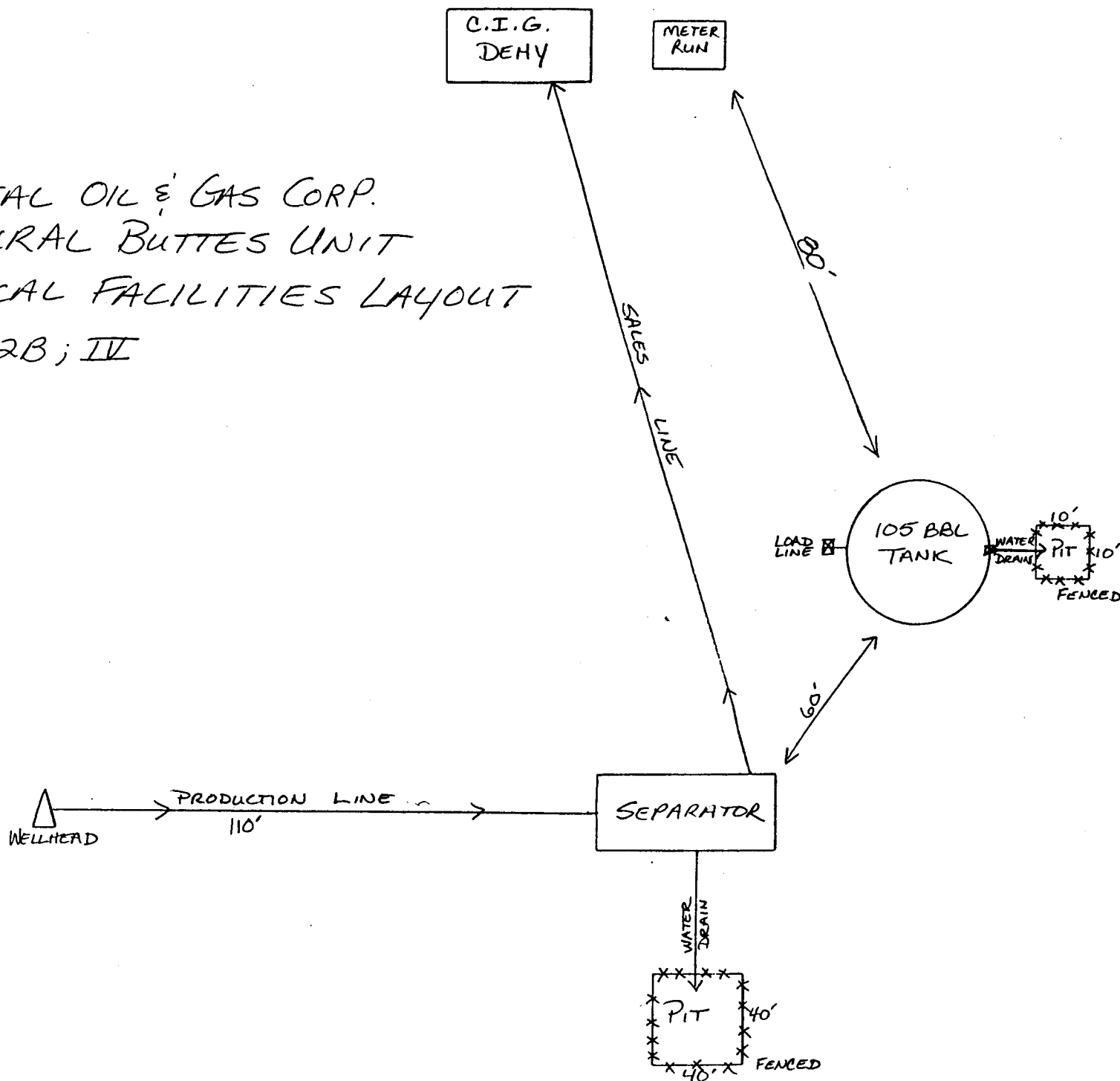
Title

Conditions of approval, if any:

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 4-29-92

COASTAL OIL & GAS CORP.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	STATE OR BLM	API
QUAD SEC TWP RGE	LEASE #	SURFACE	NUMBER
NBU #103	SENE 10 9 21	U-0141315 UTE	43-047-31956
NBU #104	SENE 16 9 21	ST ML-3282 UTE	43-047-31957
NBU #105	SWSW 17 9 21	U-0575 UTE	43-047-31955
NBU #106	NESW 21 9 21	U-0576 UTE	43-047-31946
NBU #107	SENE 26 9 21	ST ML-01194 STATE	43-047-31916
NBU #108	SESE 19 9 22	U-0284 UTE	43-047-31958
NBU #109	SENE 27 9 21	ST U-01194-A STATE	43-047-31917
NBU #110	NENE 28 9 21	U-0576 FED.	43-047-31924
NBU #111	SWNW 25 9 21	ST U-01194 STATE	43-047-31920
NBU #112	SESE 33 9 22	U-01191 FED.	43-047-31930
NBU #113	SESE 34 9 22	U-0149077 FED.	43-047-31931
NBU #114	SWSW 5 10 21	U-01393-D FED.	43-047-31923
NBU #115	NENW 10 10 21	U-0149079 FED.	43-047-31929
NBU #116	NWNW 6 10 22	U-464 FED.	43-047-31925
NBU #117	NENE 10 10 22	ST UT-01197-A STATE	43-047-31914
NBU #118	SENE 22 9 20	U-0577-B UTE	43-047-31969
NBU #119	SENE 22 9 20	U-0577-B UTE	43-047-31973
NBU #120	NWNW 10 9 21	U-0141315 UTE	43-047-31972
NBU #121	NWNE 13 9 21	U-01193 UTE	43-047-
NBU #122	SWSE 13 9 21	U-01193 UTE	43-047-32085
NBU #123	NWNW 15 9 21	U-01188 UTE	43-047-31974
NBU #124	NWNE 16 9 21	ST ML-3282 UTE	43-047-31971
NBU #125	NESE 17 9 21	U-0575 UTE	43-047-32090
NBU #126	NENW 21 9 21	U-0576 UTE	43-047-31962
NBU #127	SWNW 21 9 21	U-0576 UTE	43-047-31963
NBU #128	SWSW 21 9 21	U-0576 UTE	43-047-31964
NBU #129	SENE 22 9 21	U-010950-A UTE	43-047-31965
NBU #130	SWNW 22 9 21	U-0147566 UTE	43-047-31967
NBU #131	NWSW 23 9 21	U-0149075 UTE	43-047-31966
NBU #132	NWNW 26 9 21	ST U-01194 STATE	43-047-31938
NBU #133	SWNE 28 9 21	U-0576 FED.	43-047-31950
NBU #134	SWSW 28 9 21	U-0576 FED.	43-047-32011
NBU #135	NESE 18 9 22	U-461 UTE	43-047-32089
NBU #136	SWSE 19 9 22	U-0284 UTE	43-047-31968
NBU #137	SESE 30 9 22	ST ML-22935 STATE	43-047-31939
NBU #138A	SENE 33 9 22	U-01191-A FED.	43-047-32151
NBU #139	SWNE 14 10 21	U-465 FED.	43-047-31948
NBU #140	NWNE 5 10 22	U-01191A FED.	43-047-31947
NBU #141	SENE 6 10 22	U-464 FED.	43-047-32017
NBU #142	NESE 10 10 22	U-025187 FED.	43-047-32013
NBU #143	NWNE 10 9 21	U-0141315 UTE	43-047-32088
NBU #144	NWNW 23 9 21	U-0149075 UTE	43-047-32044
NBU #145	NWNE 27 9 21	ST U-01194-A STATE	43-047-31976
NBU #146	SWNW 14 10 21	U-465 FED.	43-047-31985
NBU #147	NWSW 4 10 22	U-01191 FED.	43-047-31984
NBU #148	SESW 4 10 22	U-01191 FED.	43-047-31983
NBU #149	NESE 5 10 22	U-01191 FED.	43-047-31982
NBU #150	SENE 9 10 22	U-01196-B FED.	43-047-31992
NBU #151	NWNW 9 10 22	U-01196-B FED.	43-047-31991
NBU #152	SESE 9 10 22	U-01196-D FED.	43-047-31990
NBU #153	SWNW 11 10 22	ST U-01197-A STATE	43-047-31975
NBU #154	NWSE 26 9 21	ST ML-22934 STATE	43-047-32003
NBU #155	SENE 31 9 22	ST ML-23607 STATE	43-047-32004
NBU #156	SWNW 35 9 21	ST U-01194 STATE	43-047-32005
NBU #157	SESW 32 9 22	ST ML-22649 STATE	43-047-32007
NBU #158	NWSE 27 9 21	ST U-01194-A STATE	43-047-31997
NBU #159	NESW 35 9 21	ST U-01194 STATE	43-047-31996
NBU #160	SESW 31 9 22	ST ML-22935-A STATE	43-047-32006
NBU #161	SESE 32 9 22	ST ML-22649 STATE	43-047-32023
NBU #162	SENE 12 10 20	U-4478 FED.	43-047-32066
NBU #163	NENW 14 10 21	U-465 FED.	43-047-32069
NBU #164	NWSE 3 10 22	U-01191-A FED.	43-047-32055
NBU #165	NENW 3 10 22	U-01191 FED.	43-047-32057
NBU #166	SWSE 28 9 21	U-0576 FED.	43-047-32065
NBU #167	SESW 25 9 21	ST U-01194 STATE	43-047-32054
NBU #168	NWSW 12 10 20	U-4478 FED.	43-047-32117
NBU #169	SESW 12 10 20	U-4478 FED.	43-047-32118



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	STATE OR BLM	API
QUAD SEC TWP RGE	LEASE #	SURFACE	NUMBER
NBU #170	NWNW 4 10 22	U-01191-A	FED. 43-047-32169
NBU #171	SENE 5 10 22	U-01191-A	FED. 43-047-32115
NBU #172	NENE 19 9 22	U-0284	UTE 43-047-32194
NBU #173	NWNE 33 9 22	U-01191-A	FED. 43-047-32116
NBU #174	NWNW 11 9 21	U-0141315	UTE 43-047-32193
NBU #175	NENW 28 9 21	U-0576	FED. 43-047-32143
NBU #176	SWNW 28 9 21	U-0576	FED. 43-047-32144
NBU #177	NESE 29 9 21	U-0581	FED. 43-047-32112
NBU #178	NWNE 30 9 21	U-0581	FED. 43-047-32121
NBU #179	SWSW 10 10 21	U-01416-A	FED. 43-047-32145
NBU #180	SWSE 10 10 22	U-025187	FED. 43-047-32113
NBU #181	SESW 9 9 21	U-0576	UTE 43-047-32161
NBU #182	SENW 11 9 21	U-0141315	UTE 43-047-32162
NBU #183 ✓	SWNW 27 9 21	ST U-01194-A	STATE 43-047-32122
NBU #184	SESW 30 9 22	U-463	FED. 43-047-32170
NBU #185	SWNE 3 10 22	U-01191-A	FED. 43-047-32171
NBU #186	SENE 30 9 22	U-463	FED. 43-047-
NBU #187	SESW 34 9 22	U-0149077	FED. 43-047-
NBU #188	SWSW 10 10 22	U-01196-C	FED. 43-047-
NBU #189	SESW 23 9 21	U-0149075	UTE 43-047-
NBU #190 ✓	NWNE 26 9 21	ST U-01194	STATE 43-047-
CIGE 110-7-9-21	SWSE 7 9 21	U-0575-B	UTE 43-047-31959
CIGE 111-13-9-21	SESW 13 9 21	U-01193	UTE 43-047-31954
CIGE 112-19-9-21	SESE 19 9 21	U-0581	UTE 43-047-31945
CIGE 113-21-9-21	SWNE 21 9 21	U-0576	UTE 43-047-31944
CIGE 114-34-9-21 ✓	NESE 34 9 21	ST U-01194-A	STATE 43-047-31915
CIGE 115-35-9-21 ✓	NWNE 35 9 21	ST ML-22582	STATE 43-047-31918
CIGE 116-29-9-22 ✓	NWSW 29 9 22	ST ML-22935	STATE 43-047-31919
CIGE 117-34-9-22	SWNW 34 9 22	U-0149077	FED. 43-047-31928
CIGE 118-35-9-22	NESE 35 9 22	U-010954A	FED. 43-047-32025
CIGE 119-15-10-21	NENE 15 10 21	U-01416-A	FED. 43-047-31927
CIGE 120-15-9-20	SENE 15 9 20	U-0144868	UTE 43-047-32032
CIGE 121-15-9-20	NWNE 15 9 20	U-0144868	UTE 43-047-32031
CIGE 122-7-9-21	NENE 7 9 21	U-0149767	UTE 43-047-32098
CIGE 123-7-9-21	SWNE 7 9 21	U-0575-B	UTE 43-047-32047
CIGE 124-9-9-21	NWSE 9 9 21	U-01188	UTE 43-047-32045
CIGE 125-13-9-21	NWNW 13 9 21	U-01193	UTE 43-047-32084
CIGE 126-13-9-21	NWSW 13 9 21	U-01193	UTE 43-047-32087
CIGE 127-16-9-21	NESW 16 9 21	ST ML-3141	UTE 43-047-32036
CIGE 128-18-9-21	NENE 18 9 21	U-0575	UTE 43-047-32046
CIGE 129-18-9-21	NENW 19 9 21	U-0581	UTE 43-047-32043
CIGE 130-19-9-21	NENE 19 9 21	U-0581	UTE 43-047-32030
CIGE 131-19-9-21	SWNE 19 9 21	U-0581	UTE 43-047-32029
CIGE 132-20-9-21	NWSW 20 9 21	U-0575	UTE 43-047-32028
CIGE 133-35-9-21 ✓	SWSE 35 9 21	ST ML-22582	STATE 43-047-31978
CIGE 134-1-10-20	SWSW 1 10 20	U-02270-A	FED. 43-047-31989
CIGE 135-3-10-21	SWSW 3 10 21	U-0149078	FED. 43-047-32001
CIGE 136-4-10-21 ✓	SWNE 4 10 21	ST ML-22940	STATE 43-047-31979
CIGE 137-6-10-21	SENE 6 10 21	U-01791	FED. 43-047-31988
CIGE 138A-6-10-21	SENW 6 10 21	U-01791	FED. 43-047-31987
CIGE 139-10-10-21	SWNE 10 10 21	U-0149079	FED. 43-047-31986
CIGE 140-16-10-21 ✓	NENE 16 10 21	ST ML-10755	STATE 43-047-31977
CIGE 141-7-10-22 ✓	NWNE 7 10 22	ST ML-23609	STATE 43-047-31970
CIGE 142-25-9-21 ✓	SENE 25 9 21	ST U-01189	STATE 43-047-31994
CIGE 143-34-9-21 ✓	SWNE 34 9 21	ST U-01194-A	STATE 43-047-31995
CIGE 144-2-10-22 ✓	SWNE 2 10 22	ST ML-22651	STATE 43-047-32022
CIGE 145-29-9-22 ✓	SENW 29 9 22	ST ML-22935	STATE 43-047-31993
CIGE 146-16-10-21 ✓	NWNE 16 10 21	ST ML-10755	STATE 43-047-32021
CIGE 147-36-9-22 ✓	SESW 36 9 22	ST ML-22650	STATE 43-047-32020
CIGE 148-31-9-22 ✓	NWNE 31 9 22	ST ML-22935-A	STATE 43-047-32024
CIGE 149-8-10-21	NWNE 8 10 21	U-01791	FED. 43-047-32056
CIGE 150-9-10-21	SWNE 9 10 21	U-01416	FED. 43-047-32058
CIGE 151-10-10-21	SWSE 10 10 21	U-0149079	FED. 43-047-32059
CIGE 152-33-9-22	SESW 33 9 22	U-01191-A	FED. 43-047-32068
CIGE 153-35-9-22	SESW 35 9 22	U-010954-A	FED. 43-047-32067
CIGE 154-13-10-20	NWNW 13 10 20	U-4485	STATE 43-047-32119
CIGE 155-9-9-21	SENE 9 9 21	U-01188-B	UTE 43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION				STATE OR BLM		API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #	SURFACE	
CIGE 156-16-9-21	NESE	16	9	21	ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21	U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21	U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21	U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21	U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22	ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22	ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21	U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22	U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20	U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21	U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21	U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21	ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENE	2	10	21	ST ML-22652	STATE	43-047-

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

UTU-464

6. If Indian, Alottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

184' FNL & 314' FWL

NW/NW Section 6, T10S-R22E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

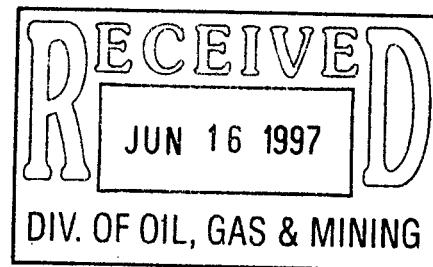
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other CO, acidize, lwr tbg, install PLE  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached procedure for operations to be performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

*Bonnie Carson*  
Bonnie Carson

Title

Senior Environmental Analyst

Date

06/13/97

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NBU #116-6-10-22  
NATURAL BUTTES FIELD  
SECTION 6 T10S R22E  
WORKOVER PROCEDURE *HW*

WELL DATA

LOCATION: 184' FNL 314' FWL SEC. 6 T10S R22E  
ELEVATION: 4876' GR., 4890' KB.  
TD: 5600', PBTD 5535' (2/91); WLS 5467' (10/94)  
CSG: 8-5/8", 24.0#, K-55 @ 209' w/ 180 SX.  
5-1/2", 17.0#, K-55 @ 5600' w/ 1225 SX.  
CMT ANNULUS w/ 295 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 4455'  
FORMATION(S): WASATCH 4591' - 5492', 20 HOLES (1991)

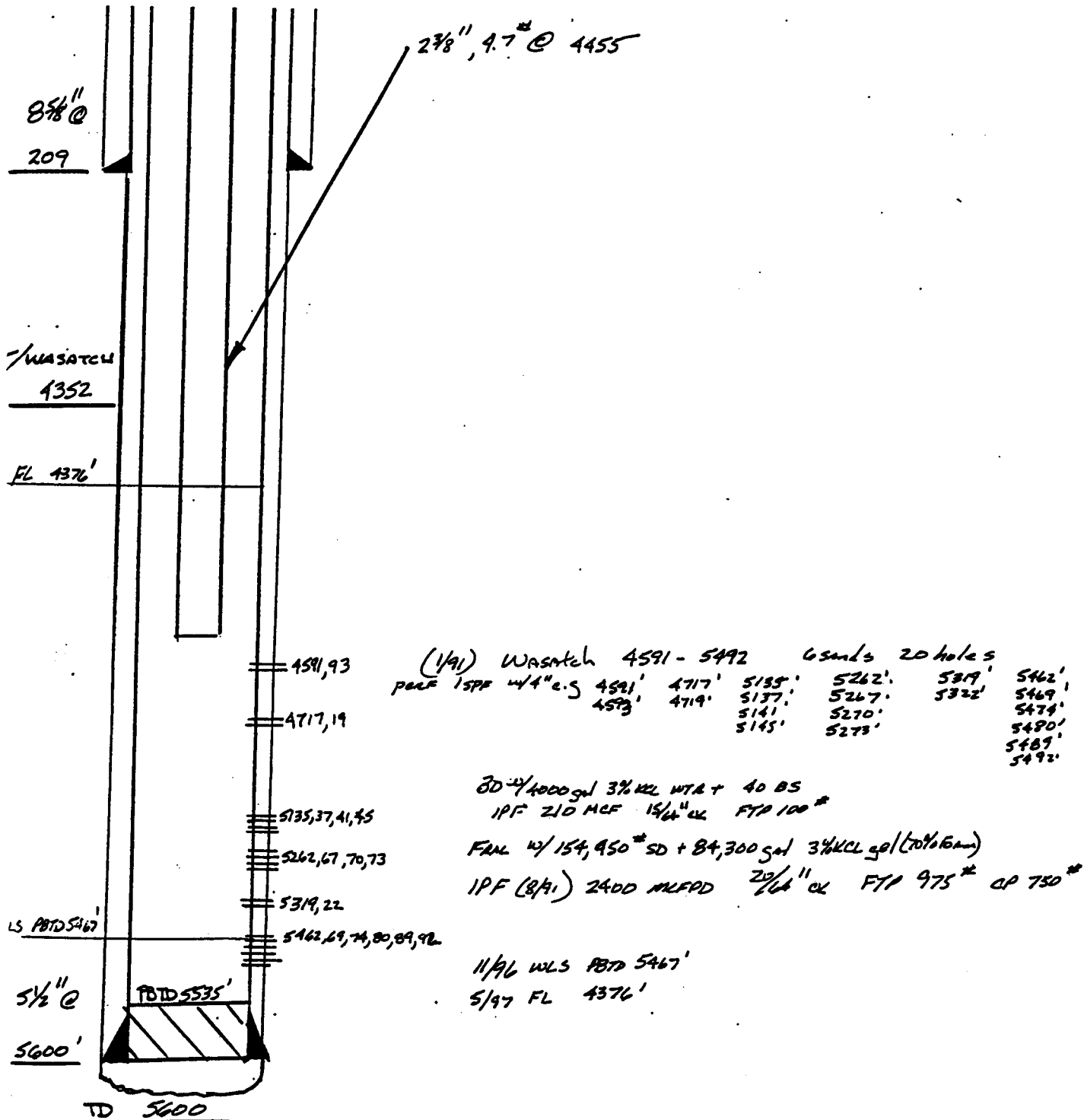
PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ minimum amount of 2% KCL water. ND WH. NU BOP. Record BLTR.
2. MI & RU Air/Foam unit. Circ. hole w/ 2% KCL water. CO from 5467' (WLS PBTD) to 5535'. RIH w/ Broach to check 2-3/8" tbg for scale.
3. RU service company. Spot 150 gal. 15% HCL acid w/ additives across perf's 4591' - 5492' to clean up possible scale. RD service company. RIH & land 2-3/8" tbg @ 4870' (new EOT).
4. ND BOP. NU WH. RD & MO pulling unit. RU swab unit. Swab/flow back to clean up.
5. Complete installation of plunger lift equipment. Return the well to sales.

NBU #116-6-10-22  
NATURAL BUTTES FIELD  
SECTION 6 T10S R22E

WELL DATA

LOCATION: 184' FNL 314' FWL SEC. 6 T10S R22E  
ELEVATION: 4876' GR., 4890' KB.  
TD: 5600', PBD 5535' (2/91); WLS 5467' (10/94)  
CSG: 8-5/8", 24.0#, K-55 @ 209' w/ 180 SX.  
5-1/2", 17.0#, K-55 @ 5600' w/ 1225 SX.  
CMT ANNULUS w/ 295 SX.  
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FORMATION(S): WASATCH 4591' - 5492', 20 HOLES (1991)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

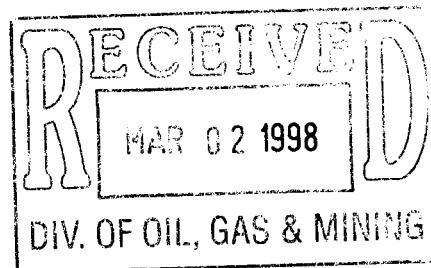
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>UTU-464</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>	6. If Indian, Alottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476</b>	7. If Unit or CA, Agreement Designation <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) <b>184' FNL &amp; 314' FWL NW/NW Section 6, T10S-R22E</b>	8. Well Name and No. <b>NBU #116</b>
	9. API Well No. <b>43-047-31925</b>
	10. Field and Pool, Or Exploratory Area <b>Natural Buttes</b>
	11. County or Parish, State <b>Uintah County, Utah</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>CO, lwr tbg, install PLE</b>	<input type="checkbox"/> Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

**Bonnie Carson**

Title **Senior Environmental Analyst**

Date

**02/25/98**

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**WO tax credit 8/98 \*See Instruction on Reverse Side**

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

NBU 116  
NATURAL BUTTES FIELD  
UINTAH COUNTY, UTAH

**Clean-Out, Install PLE**

8/07/97	ND tree. MIRU. Well still on prod.	TC: \$4,589
8/08/97	<b>Prep to acidz.</b> SITP 100#, SICP 250#. Kill tbg w/10 BBLS 2% KCL. ND tree, NU BOP w/hauler preventor & spool. Pull hgr. LD tbg & PU pwr swivel. Brk circ, tag sd @ 5473'. CO to 5525' (PBSD). Circ air foam & circ hole ctn. Kill tbg w/10 BBLS. LD swivel. POOH w/tbg abv perms. EOT @ 4567'.	TC: 11,514
8/09/97	<b>Swbg.</b> SITP 120#, SICP 170#. RIH to 5520'. Held safety mtg. PT lines. Pmp 20 BBLS 2% KCL lead 900 gals 15% HCl w/inhib. Displ w/19 BBLS 2% @ 4.2 BPM @ 50 psi. LD tbg, brouch tbg & land @ 4879', SN @ 4848'. ND BOP, NU tree. RD. Install PLE. RUSU. Tag fluid @ 3900'. Swb 22 BF/15 runs. FFL 4500'. FTP 0, FCP 150#.	TC: \$21,378
8/10/97	<b>SI f/PBU.</b> SITP 200#, SICP 340#. IFL 4200'. Made 2 swab trips & cycle plunger once. Well kicked then died. SI f/ PBU.	TC: \$21,784
8/11/97	Flwd 108 MCF & 5 BW/24 hrs, FTP 300#, FCP 325# on a 30/64" chk.	
8/12/97	Flwd 91 MCF & 10 BW/24 hrs, FTP 200#, FCP 260# on a 30/64" chk.	
8/13/97	Flwd 114 MCFD & 10 BWPD on a 30/64" chk, FTP 130, FCP 250#, LP 121#.	
8/14/97	Flwd 81 MCF/4 hrs on a 30/64" chk, FTP 119#, CP 300#, LP 107#.	
8/15/97	Flwd 141 MCFD & 3 BWPD on a 30/64" chk, FTP 300#, CP 275#, LP 110#.	
8/16/97	Flwd 50 MCF & 2 BW/12 hrs. Pmp stuck open.	
8/17/97	Flwd 121 MCFD on a 30/64" chk, FTP 250#, FCP 250#, LP 107#.	
8/18/97	Flwd 162 MCFD & 1 BWPD on a 30/64" chk, FTP 140#, CP 230#, LP 117#.	

**FINAL REPORT.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

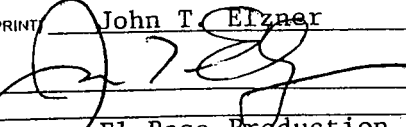
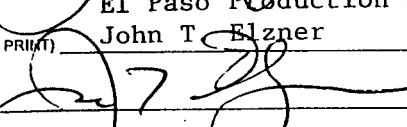
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation		TITLE	Vice President
NAME (PLEASE PRINT)	John T. Elzner	DATE	06-15-01
SIGNATURE			
El Paso Production Oil & Gas Company		TITLE	Vice President
NAME (PLEASE PRINT)	John T. Elzner	DATE	06-15-01
SIGNATURE			

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS
2. CDW /		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit: NATURAL BUTTES

## WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 290	43-047-32987	2900	03-10S-22E	FEDERAL	GW	P
NBU 46	43-047-30513	2900	04-10S-22E	FEDERAL	GW	P
NBU 85J	43-047-31246	2900	04-10S-22E	FEDERAL	GW	P
COG NBU 67	43-047-31737	2900	04-10S-22E	FEDERAL	GW	P
NBU 148	43-047-31983	2900	04-10S-22E	FEDERAL	GW	P
NBU 147	43-047-31984	2900	04-10S-22E	FEDERAL	GW	P
NBU 170	43-047-32169	2900	04-10S-22E	FEDERAL	GW	P
NBU 208	43-047-32343	2900	04-10S-22E	FEDERAL	GW	P
NBU 311	43-047-32837	2900	04-10S-22E	FEDERAL	GW	P
NBU 313	43-047-32838	2900	04-10S-22E	FEDERAL	GW	P
NBU 335	43-047-33724	2900	04-10S-22E	FEDERAL	GW	P
NBU CIGE 52-5-10-22	43-047-30531	2900	05-10S-22E	FEDERAL	GW	P
NBU CIGE 73D-5-10-22P	43-047-30952	2900	05-10S-22E	FEDERAL	GW	S
NBU 140	43-047-31947	2900	05-10S-22E	FEDERAL	GW	P
NBU 149	43-047-31982	2900	05-10S-22E	FEDERAL	GW	P
NBU 171	43-047-32115	2900	05-10S-22E	FEDERAL	GW	P
NBU 242	43-047-32944	2900	05-10S-22E	FEDERAL	GW	P
NBU CIGE 74D-6-10-22P	43-047-30953	2900	06-10S-22E	FEDERAL	GW	P
NBU 84V	43-047-31245	2900	06-10S-22E	FEDERAL	GW	S
NBU 116	43-047-31925	2900	06-10S-22E	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/08/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/08/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203**  
**BLM Nationwide Bond 158626364**  
**Surety - Continental Casualty Company**  
**Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.**  
**Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.**  
**Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

**Encl:**





# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

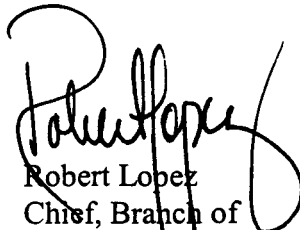
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

El Paso Production Oil & Gas Company

3a. Address

P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NWNW 184' FNL & 314' FWL

Sec. 6, T10S, R22E

5. Lease Serial No.

UTU-464

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Natural Buttes Unit

8. Well Name and No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete (Repair)	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Perforate Wasatch as follows:

5470'-5476' 4 SPF 24 holes

5268'-5274' 4 SPF 24 holes

5434'-4544' 4 SPF 40 holes

Frac w/ 67,940# 20/40 sand

Return to sales @ 10:00 am 2/23/02.

RECEIVED

MAR 08 2002

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cheryl Cameron

Title

Operations

Signature

Date

March 4, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

NBU 116  
NATURAL BUTTES FIELD  
UINTAH COUNTY, UTAH

---

**AFE DESC. RECOMPLETE 20' BYPASSED , AFE#: 061812**

WI: 100%  
PBSD: 5,525 PERFS: 4,591'-5,492'  
CSG: 5 1/2", 17#, K-55, LT&C @ 5600'  
FORMATION: WASATCH

2/15/02      **PREP TO POOH W/TBG**  
MIRU.  
DC:\$ CSG/CMT:\$ CONST C:\$ COMP C:\$      CWC:\$4,838

2/19/02      **PREP TO FRAC 2-19-02**  
SICP: 125#, FTP: 50#, BLW WELL DN. NDWH, NUBOP. RIH W/ 2 3/8" WORK STRING,  
TAG PBSD @ 5515'. NO BRIDGES. POOH. PERF WASATCH @ 5470-76', 4 SPF 24 HOLES  
& 5268-74', 4 SPF 24 HOLES. FL @ 4000'. PSI: 0#. RIH W/ 5 1/2" 5 K CBP @ 4570'. PMP 50  
BBLs 2% KCL, FL @ 2000'. PERF WASATCH @ 4534-44', 4 SPF, 40 HOLES. FL: 2000'. BD  
PERFS @ 4534-44' @ 3100# & 1/2 BPM W/ 20 BBLs 2% KCL. INJECT @ 3 BPM @ 1400#.  
ISIP: 800#, FG: .62. SDFWE.

2/20/02      **PREP TO FRAC ON 2-21-02**

2/21/02      SI WAITING ON FRAC.  
**FRAC W/ DOWELL 9:00 AM**  
**RIG SHUT DN WAITING ON DOWELL FOR FRAC EQUIP.**

2/22/02      **PREP TO DO CBP'S**  
BRK DN PERFS 4534'-44', 4 SPF, 40 HOLE W/3100# @ 1/2 BPM, ISIP: 800#, FG: 0.61.  
FRAC W/680 BBLs YF113ST LIQ GEL & 67,940# 20/40 SD. ISIP: 2385#, FG: 0.96, NET  
PRESS INCR: 1585#, MTP: 2710#, ATP: 2206#, MTR: 30.2 BPM, ATR: 24.2 BPM. TLTR: 680  
BBLs. RIH & SET CBP @ 4470'. SDFN.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$61,592

2/25/02      **RETURN TO SALES**  
RIH W/4 1/4" BIT. DO CBP'S @ 4470' & 4570'. RIH TO PBSD @ 5516'. PU & LAND TBG @  
4562', SN @ 4529'. PUMP OFF BIT SUB. OPEN WELL TO PIT ON FULL OPEN CHK. SICP:  
250#, FTP: 200#. FLOW BACK 10 HRS ON 24/64" CHK. CP: 310# TO 200#, FTP: 310# TO 0  
TO 90#, 2 BWPH TO 0.  
2/24/02 PROG: CONNECT TO SALES @ 10:00 AM 2/23/02.  
2/25/02 PROG: FLWD 250 MCF, 5 BW, FTP: 238#, CP: 247#, 64/64" CHK, 20 HRS, LP: 45#.  
TLTR: 750 BBLs, TLR: 291 BBLs, LLTR: 459 BBLs.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$81,807

2/26/02      **ON SALES**  
37 MCF, TP: 270#, CP: 382#, 4 BW, 0 BC, 64/64" CHK, 18 HRS, LP: 60#. TLTR: 750 BBLs,  
TLR: 295 BBLs, LLTR: 455 BBLs.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$81,807

2/27/02      **ON SALES**  
49 MCF, TP: 51#, CP: 139#, 5 BW, 0 BC, 64/64" CHK, 18 HRS, LP: 48#. TLTR: 750 BBLs,  
TLR: 300 BBLs, LLTR: 450 BBLs.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$81,807

2/28/02      **ON SALES**  
FLWD 63 MCF, 5 BW, FTP: 45#, CP: 245#, 64/64" CHK, LP: 45#, 24 HRS. TLTR: 750 BBLs,  
TLR: 305 BBLs, LLTR: 445 BBLs.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$81,807

3/1/02      **ON SALES**  
FLWD 74 MCF, 0 BW, FTP: 106#, CP: 333#, 64/64" CHK, 24 HRS, LP: 87#.  
DC:\$      CSG/CMT:\$      CONST C:\$      COMP C:\$      CWC:\$81,807

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

UTU-464

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

El Paso Production Oil & Gas Company

3. Address

P.O. Box 1148 Vernal, UT 84078

3a. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

NWNW 184' FNL & 314' FWL

At top prod. interval reported below

At total depth

14. Date Spudded

01/27/91

15. Date T.D. Reached

02/16/91

16. Date Completed

☐ D & A ☐ Ready to Prod.  
02/26/91

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Natural Buttes Unit

8. Lease Name and Well No.

NBU #116

9. API Well No.

43-047-31925

10. Field and Pool, or Exploratory

Natural Buttes

11. Sec., T., R., M., or Block and  
Survey or Area Sec. 6, T10S, R22E

12. County or Parish

Uintah

13. State

UT

17. Elevations (DF, RKB, RT, GL)\*

4876' GR

18. Total Depth: MD 5600'  
TVD

19. Plug Back T.D.: MD 5525'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

N/A

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8	24#	0	209	209	180 Class G			
7 7/8	5 1/2	17#	0	5600	5600	1225 Sili/G			
						295 Super G			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
						2 3/8	4455	

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	4534	5476	4534-4544	4	40	
B)			5268-5274	4	24	
C)			5470-5476	4	24	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
4534-5476	67,940# 20/40 sand

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MAR 08 2002  
DIVISION OF  
OIL, GAS AND MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/23/02	02/25/02	24	→	0	250	5			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
64/64	238#	247#	→	0	250	5		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)**Sold & Used For Fuel**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl CameronTitle Operations

Signature

Date 3/4/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

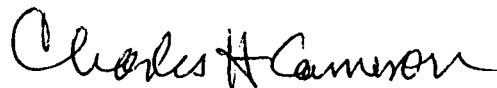
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

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FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

Exhibit "A"

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND #

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

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FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF. BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

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MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW ✓

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02****FROM: (Old Operator):**

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA

HOUSTON, TX 77064-0995

Phone: 1-(832)-676-5933

Account No. N1845

**TO: ( New Operator):**

WESTPORT OIL &amp; GAS COMPANY LP

Address: P O BOX 1148

VERNAL, UT 84078

Phone: 1-(435)-781-7023

Account No. N2115

CA No.

Unit:

NATURAL BUTTES

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 141	06-10S-22E	43-047-32017	2900	FEDERAL	GW	P
CIGE 179-6-10-22	06-10S-22E	43-047-32400	2900	FEDERAL	GW	P
NBU 243	06-10S-22E	43-047-32930	2900	FEDERAL	GW	P
<b>NBU 116</b>	06-10S-22E	43-047-31925	2900	FEDERAL	GW	P
NBU CIGE 74D-6-10-22P	06-10S-22E	43-047-30953	2900	FEDERAL	GW	S
CIGE 196-6-10-22P	06-10S-22E	43-047-33003	2900	FEDERAL	GW	P
NBU 341	06-10S-22E	43-047-33726	2900	FEDERAL	GW	P
NBU 340	06-10S-22E	43-047-33725	2900	FEDERAL	GW	PA
NBU 340X	06-10S-22E	43-047-34015	2900	FEDERAL	GW	P
NBU CIGE 53-6-10-22	06-10S-22E	43-047-30533	2900	FEDERAL	GW	PA
NBU 84V	06-10S-22E	43-047-31245	2900	FEDERAL	GW	PA
NBU 344	07-10S-22E	43-047-32931	2900	FEDERAL	GW	P
CIGE 282	07-10S-22E	43-047-34436	2900	STATE	GW	P
NBU CIGE 23-7-10-22	07-10S-22E	43-047-30333	2900	STATE	GW	P
NBU CIGE 83D-7-10-22	07-10S-22E	43-047-30865	2900	STATE	GW	PA
CIGE 141-7-10-22	07-10S-22E	43-047-31970	2900	FEDERAL	GW	PA
NBU 470	07-10S-22E	43-047-34833	99999	STATE	GW	APD
NBU 343	08-10S-22E	43-047-33719	2900	FEDERAL	GW	P
CIGE 250	08-10S-22E	43-047-33743	2900	FEDERAL	GW	P
NBU 245	08-10S-22E	43-047-33004	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/20032. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/20033. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/20034. Is the new operator registered in the State of Utah: YES Business Number: 1355743-01815. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/24/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The FORMER operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.3a. Address  
P.O. BOX 1148 VERNAL, UT 840783b. Phone No. (include area code)  
(435) 781-4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple Wells - see attached5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891008900A8. Well Name and No.  
Multiple Wells - see attached9. API Well No.  
Multiple Wells - see attached10. Field and Pool, or Exploratory Area  
Natural Buttes Unit11. County or Parish, State  
Uintah County, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Date:

Title

Operations Manager

9-2-2003

SEP 10 2003

DIV OF OIL GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# Westport Oil & Gas, L.P. Project Economics Work

## Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

## Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

## Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

## Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

## Internal Rate of Return:

After Tax IROR = #DIV/0!

## AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

## Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

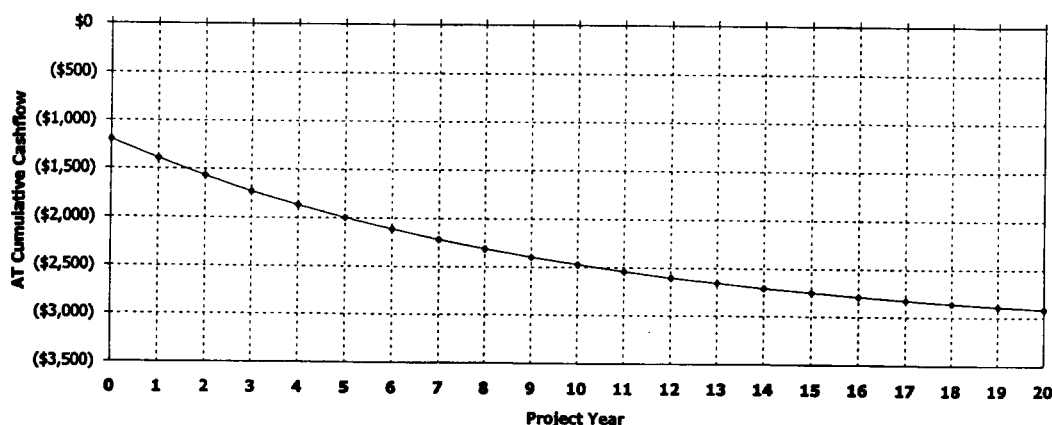
## Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

## Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water



WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 058N2	27-10-22 NENW	UTU473	891008900A	430473083800S1
NBU 060	26-9-21 NWSW	U01194	891008900A	430473172800S1 ✓
NBU 062N3	16-10-21 SENW	ML10755	891008900A	430473090900S1
NBU 063N3	12-9-21 SWNW	UTU0141317	891008900A	430473109700S1
NBU 064N3	8-9-21 NESE	UTU0575B	891008900A	430473109800S1
NBU 065N3	14-9-21 SESW	UTU01193	891008900A	430473109900S1
NBU 067A	4-10-22 SWNE	UTU01191	891008900A	430473173700S1
NBU 068N2	26-9-21 NESE	ML22934	891008900A	430473108900S1 ✓
NBU 069N2	35-9-21 SWSW	U01194	891008900A	430473109000S1 ✓
NBU 070N3	3-10-22 SWNW	UTU01191	891008900A	430473110000S1
NBU 072N3	12-10-20 NWNW	UTU4478	891008900A	430473108800S1
NBU 074N3	24-10-20 SWNE	ML22790	891008900A	430473108700S1
NBU 075N3	20-10-21 NENE	UTU02278	891008900A	430473110300S1
NBU 078	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	35-9-21 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-20	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

ROUTING	
1. DJJ	
2. CDW	

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		<b>1/6/2006</b>					
<b>FROM: (Old Operator):</b> N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO: ( New Operator):</b> N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024						
<b>CA No.</b>							
<b>Unit:</b>							
<b>NATURAL BUTTES UNIT</b>							
<b>WELL NAME</b>	<b>SEC TWN RNG</b>	<table border="1" style="width:100%"> <tr> <td><b>API NO</b></td> <td><b>ENTITY NO</b></td> <td><b>LEASE TYPE</b></td> <td><b>WELL TYPE</b></td> <td><b>WELL STATUS</b></td> </tr> </table>	<b>API NO</b>	<b>ENTITY NO</b>	<b>LEASE TYPE</b>	<b>WELL TYPE</b>	<b>WELL STATUS</b>
<b>API NO</b>	<b>ENTITY NO</b>	<b>LEASE TYPE</b>	<b>WELL TYPE</b>	<b>WELL STATUS</b>			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

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<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF CIL, SAC 2111110

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/NW SEC. 6, T10S, R22E 184'FNL, 314'FWL**

5. Lease Serial No.

**UTU-464**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 116**

9. API Well No.

**4304731925**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION.  
THE OPERATOR PROPOSED TO REFRAC THE WASATCH INTERVALS IN THREE STAGES  
FROM 5133'-5481' AND RETURN THE WELL BACK TO PRODUCTION.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

**COPY SENT TO OPERATOR**

Date: 11/21/06  
Initials: CHD

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**November 21, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date

**Federal Approval Of This  
Action Is Necessary**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**NOV 24 2006**

DIV. OF OIL, GAS & MIN.



NBU 116  
 184' FNL & 314' FWL  
 NWNW - Sec. 6 – T10S - R22E  
 Uintah County, UT

<b>KBE:</b>	4890'	<b>API NUMBER:</b>	43-047-31925
<b>GLE:</b>	4876'	<b>LEASE NUMBER:</b>	UTU-464
<b>TD:</b>	5600'	<b>UNIT/CA NUMBER:</b>	
<b>PBTD:</b>	5558'(float collar)	<b>WI:</b>	100.000000%
	5535 (tagged on completion)	<b>NRI:</b>	81.202950%
		<b>ORRI:</b>	9.547750%

**CASING:**

12.25" hole  
 8.625" 24# K-55 @ 197'  
 Cemented with 180 sx Class G, circulated 1 BC to pit. TOC @ surface by circulation

7.875" hole  
 5.5" 17# J-55 @ 5600' with 645 sx Lite lead and 580 sx Class G tail, no cement circulated to surface.  
 TOC @ 1550' by CBL  
 Pumped a top job 295 sx. Class G on 4/15/1992.

**TUBING:** 2.375" 4.7# J-55 @ 4562', SN @ 4529' (2/25/2002)

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
2.875" 6.5# N-80 tbg.	2.347	11160	10570	0.2431	0.03250	0.00387
5.5" 17# J/K-55 csg.	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# K-55 csg	7.972	1780	2950	2.6749	0.3575	0.0636
7.875" borehole				2.5302	0.3382	0.0602
<b>Annular Capacities</b>						
2.375" tbg. X 5.5" 17# csg.				0.7462	0.0997	0.01776
5.5" csg. X 8.625" 24# csg.				1.4406	0.1926	0.0343
5.5" csg. X 7.875" hole				1.2978	0.1733	0.0309

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	
Wasatch	4352'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation	~1000' MSL
USDW Depth	~3876' GLE

**PERFORATION DETAIL:**

Formation	Date	Top	Bottom	SPF	STATUS
Tw	2/16/2002	4534	4544	4 (.43" EHD)	Open
Tw	2/24/1991	4591		1	Open
Tw	2/24/1991	4593		1	Open
Tw	2/24/1991	4717		1	Open
Tw	2/24/1991	4719		1	Open
Tw	2/24/1991	5135		1	Open
Tw	2/24/1991	5137		1	Open
Tw	2/24/1991	5141		1	Open
Tw	2/24/1991	5145		1	Open
Tw	2/24/1991	5262		1	Open
Tw	2/24/1991	5267		1	Open
Tw	2/16/2002	5268	5274	4 (.43" EHD)	Open
Tw	2/24/1991	5270		1	Open
Tw	2/24/1991	5278		1	Open
Tw	2/24/1991	5319		1	Open
Tw	2/24/1991	5322		1	Open
Tw	2/24/1991	5462		1	Open
Tw	2/24/1991	5469		1	Open
Tw	2/16/2002	5470	5476	4 (.43" EHD)	Open
Tw	2/24/1991	5474		1	Open
Tw	2/24/1991	5480		1	Open
Tw	2/24/1991	5489		1	Open
Tw	2/24/1991	5492		1	Open

**WELL HISTORY****Completion – February 1991**

- Perforated the gross **Wasatch** interval 4591' through 5492' (20 holes) landed tubing at 4455' and broke down with 4000 gal 3% KCl and ball sealers. The well was not initially fractured, but tested 210 MCFD of dry gas, 100 psi FTP/260 psi SICP, 15/64<sup>th</sup> choke on 2/26/1991. LD tubing and wait on frac.

**Fracture Stimulation – August 1991**

- Fractured with an 84300 gal 70% CO<sub>2</sub> foam containing 154950# 20/40 mesh sand. Pad 2500 gal, ramp 42500 gals 1-4 ppg, and 12,500 gals 4 ppg. AR = 3800 psi. Tagged frac with RA tracer.
- Commenced sales on 10/29/1991 at 1044 MCFD of dry gas, 1750 psi FTP, 12/64<sup>th</sup> choke.

**Workover #1 – August 1997**

- Cleaned out sand from 5473' to 5525'.
- Spotted 900 gal 15% HCl across perforations.

- Landed tubing with EOT at 4879', SN at 4848' and RTP on plunger lift.

**Workover #2 – February 2002**

- Pulled tubing and perforated the intervals 5470-5476' and 5268-5274'.
- Set CBP at 4570', perforated the interval 4534-4544' and fractured with 680 bbl gel containing 67940# 20/40 mesh sand. AR = 24.2 bpm @ 2206 psi.. Set CBP at 4470'.
- Drilled out CBP's and cleaned out to original PBTD. Landed tubing with EOT at 4562', SN at 4529' and RTP on plunger lift.
- Commenced sales on 2/23/2002. The well IP'd 250 MCFD and 5 BW with 238 psi FTP on an open choke.

## NBU 116 REFRAC COMPLETION PROCEDURE

### GENERAL:

- A minimum of 10 tanks (cleaned lined 500 bbl) of fresh water will be required. Note: Use biocide in tanks and the water needs to be at least 70°F at pump time.
- All perforation depths are from Halliburton's Compensated-Density-Neutron log dated 2/16/1991. Can use **Cutter's (gamma ray-CBL which is ±1' shallow; 2/22/1991)**.
- 3 fracturing stages required for coverage.
- Procedure calls for 2- 5 1/2" CBP's (2-8,000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- **30/50 mesh Ottawa sand, Slickwater frac.**
- Maximum surface pressure **4250 psi**. (80% of tubing burst) **plus tubing friction pressure.**

<u>Flow rate (bpm)</u>	<u>Tubing friction (psi)</u>
10	670
12	885
14	1125
16	1392
18	1682
20	1996

- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi. for each frac.
- **There is no flowback pit. Need flowback tank(s) to flow into following frac.**
- **Include sand control in all stages**

### PROCEDURE:

**Note: Casing is 5 ½", 17 ppf, J-55; need to line up a packer to test casing. Will also need 2 7/8", 6.5 ppf, N-80 frac string and frac packer.**

1. MIRU. NU and test BOP. Pickle tbg with biocide and acid. TOOH and visually inspect tbg.
2. TIH w/ 5 ½" pkr to 4475' (below top perf is @ 4534') and set (can use production tbg if it is tested prior to casing test or pick up workstring). Test casing to 1000. If casing test, continue with procedure. If not consult w/ engineering. TOOH w/ pkr.
3. TIH w/ 4 ¾" mill and C/O to PBTD w/ a foam unit. TOOH.
4. Perf the following (existing perforated sand) with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots	
Wasatch	5476	5480	4	16	
	5488	5492	4	16	
There are existing perms @ 5462, 5469, 5474, 5480, 5489, 5492 (1 spf) & from 5470'-5476' (4 spf)					
# of Perfs/stage				32	

5. Frac is initially set up for slick water, but may change due to results of recent ongoing refrac program.

6. TIH w/ 5 1/2" 10,000 psi packer, SN, 2 7/8" N-80 work string and set @ 5350' (note perfs above @ 5322'). Set plug in SN and test tubing to 6300 psi (max frac pressure). ND BOP's and Install frac valves. RU Service Co. (test surface lines to max. treating pressure of 6300 psi).

7. Set up annulus pump with 1000 psi pop-off valve and pump 2% KCl w/biocide down backside during job. Monitor annulus pressure during job. **Maximum Annulus Pressure is 1000 psi.** RU flowback line and backside to flowback tank.

8. Breakdown perfs and establish injection rate. Fracture stage 1 as outlined in attached listing. Under-displace to ~5426' and include 500 gal 15% HCl or scale inhibitor in flush.

9. R/D service company and begin to flowback on 10/64" choke as soon as possible.

10. When well dies release packer and TOO H w/ 2 7/8" frac string.

11. RIH and Set 8000 psi CBP at ~5352'. Perf the following (existing perforated sand) with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots	
Wasatch	5264	5268	4	16	
	5318	5322	4	16	
There are existing perfs @ 5262, 5267, 5270, 5278, 5319, 5322 (1 spf) & from 5268'-5274' (4spf)					
# of Perfs/stage				32	

12. TIH w/ 5 1/2" 10,000 psi packer, SN, 2 7/8" N-80 work string and set @ 5170' (note perfs above @ 5145'). Set plug in SN and test tubing to 6300 psi (max frac pressure). ND BOP's and Install frac valves. RU Service Co. (test surface lines to max. treating pressure of 6300 psi).

13. Set up annulus pump with 1000 psi pop-off valve and pump 2% KCl w/biocide down backside during job per instructions on site. Monitor annulus pressure during job. **Maximum Annulus Pressure is 1000 psi.** RU flowback line and backside to flowback tank.

14. Breakdown perfs and establish injection rate. Fracture stage 2 as outlined in attached listing. Under-displace to ~5214' and include 500 gal 15% HCl or scale inhibitor in flush.

15. R/D service company and begin to flowback on 10/64" choke as soon as possible.

16. When well dies release packer and TOO H w/ 2 7/8" frac string.

17. RIH and Set 8000 psi CBP at ~5173'. Perf the following (existing perforated sand) with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots	
Wasatch	5133	5143	4	40	
There are existing perfs @ 5135, 5137, 5141, 5145 (1 spf)					
# of Perfs/stage				40	

18. TIH w/ 5 ½" 10,000 psi packer, SN, 2 7/8" N-80 work string and set @ 4760' (note perfs above @ 4719'). Set plug in SN and test tubing to 6300 psi (max frac pressure). ND BOP's and Install frac valves. RU Service Co. (test surface lines to max. treating pressure of 6300 psi).
19. Set up annulus pump with 1000 psi pop-off valve and pump 2% KCl w/biocide down backside during job per instructions on site. Monitor annulus pressure during job. **Maximum Annulus Pressure is 1000 psi.** RU flowback line and backside to flowback tank.
20. Breakdown perfs and establish injection rate. Fracture stage 3 as outlined in attached listing. Under-displace to ~5083' and **do not** include 500 gal 15% HCl or scale inhibitor in flush.
21. R/D service company and begin to flowback on 10/64" choke as soon as possible.
22. When well dies release packer and TOOH w/ 2 7/8" frac string and lay down
23. PU 2-3/8" tubing with POBS and C/O fill using foam unit to PBTD.
24. Land tbg 5370'.
25. RDMO

**R. B. Miller**

NBU 116

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	Wasatch	5476	5480	4	16	5466	to	5494
		5477	5481	4	16			
		There are existing perms @ 5462, 5469, 5474, 5480, 5489, 5492 (1 spf) &						
		from 5474-5476' 4 spf.						
	# of Perfs/stage				32			
2	Wasatch	5264	5268	4	16	5262	to	5276
		5318	5322	4	16	5317	to	5323
		There are existing perms @ 5262, 5267, 5270, 5278, 5319, 5322 (1 spf) &						
		from 5268-5274' 4 spf.						
	# of Perfs/stage				32			
3	Wasatch	5133	5143	4	40	5132	to	5146
		There are existing perms @ 5135, 5137, 5141, 5145 (1 spf)						
	# of Perfs/stage				40			
	Totals				104			

**UTAH DIVISION OF OIL, GAS AND MINING**  
**NOTICE OF REPORTING PROBLEMS**

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Problems:

- ☐ Late Report(s)  
☐ Inaccurate Report(s)  
☐ Incomplete Report(s)  
☒ Other: No Subsequent Report

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

43 047 31925  
NBU 116  
105 22E 6

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input checked="" type="checkbox"/> Other <u>Subsequent Sundry</u>	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Operator has submitted sundry of intents on the following wells that have been approved by DOGM. Per Rule 649-3-23, a subsequent report shall be submitted on Form 9, Sundry Notice, with in 30 days after completion. The report should show workover results, well status, work completion date, new perforation depths, etc.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD



**UTAH DIVISION OF OIL, GAS AND MINING**  
**NOTICE OF REPORTING PROBLEMS**

**ATTACHMENT**

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Well Names	API Numbers	Drilling Commenced
Cige 240	4304733207	
Tribal 31-98	4304733375	
NBU 17-18B	4304730317	
Southman Cyn 31-1-L	4304732543	
Cige 283	4304734790	
NBU 142	4304732013	
Cige 54D	4304730851	
Cige 8	4304730427	
Cige 62D	4304730885	
Cige 153	4304732067	
Cige 186	4304732590	
Cige 193	4304732973	
Bonanza 10-23-7D	4304735393	
NBU Cige 6-19-9-21	4304730356	
Cige 116	4304731919	
Cige 174	4304732323	
Cige 260	4304734368	
Love U 1121-10G	4304735557	
Lizzard 1122-210	4304736045	
NBU 116	4304731925	
NBU 1022-11F	4304735314	
NBU 270	4304732862	
Canyon Federal 1-9	4304730378	
NBU 921-34J	4304737953	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-464
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 116
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0184 FNL 0314 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047319250000
<b>PHONE NUMBER:</b> 720 929-6587 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 5/11/2009	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>ALTER CASING</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>OTHER</b>	
	<input type="checkbox"/> <b>CASING REPAIR</b>	
	<input type="checkbox"/> <b>CHANGE WELL NAME</b>	
	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input checked="" type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	OTHER: CANCELLED WORK	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
ON NOVEMBER 21, 2006 THE OPERATOR SUBMITTED AN NOI TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR HAS NOT PERFORMED THE RE-FRAC IN THE LOWER WASATCH INTERVALS IN THREE STAGES FROM 5133'-5481'. THE OPERATOR IS REQUESTING TO WITHDRAW THE APPROVED ACTION.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> May 11, 2009		
<b>NAME (PLEASE PRINT)</b> Sheila Upchego	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/11/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 116			
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<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/7/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO PLUG AND ABANDON THE WELL BORE TO DRILL THE NBU 1022-06DT WELL. PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> <u>September 10, 2009</u> <b>By:</b> <u>[Signature]</u>			
<b>NAME (PLEASE PRINT)</b> Andy Lytle		<b>PHONE NUMBER</b> 720 929-6100			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst			
<b>DATE</b> 9/4/2009					

NBU 116  
 184' FNL & 314' FWL  
 NWNW SEC. 6, T10S, R22E  
 Uintah County, UT

KBE:	4890'	API NUMBER:	43-047-31925
GLE:	4876'	LEASE NUMBER:	UTU-464
TD:	5600'	WI:	100.0000%
PBTD:	5525'	NRI:	83.202949%

**CASING:** 12 1/4" hole  
 8 5/8 24# K-55@ 197' (GL)  
 Cemented w/ 180 sx class G, circ 1 BC to pit.  
 TOC @ Surface

7.875" hole  
 5 1/2" 17# J-55 @ 5600'  
 Cement w/ 645 sx silica lite lead & 580 sx class G, no cement to surface.  
 Top Job pumped using 295 sx Super G, well on vacuum throughout job  
 TOC @ 1550' per CBL

**TUBING:** 2 3/8" 4.7# J-55 tubing landed at 4562'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
5.5" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# K-55	7.972	1780	2950	2.6749	0.3575	0.0636
<b>Annular Capacities</b>						
2.375" tbg. X 5 1/2" 17# csg				0.7462	0.0997	0.01776
5.5" csg X 8 5/8" 24# csg				1.4406	0.1926	0.0343
5.5" csg X 7.875 borehole				1.2978	0.1733	0.0309
8.625" csg X 12 1/4" borehole				3.0870	0.4127	0.0735

#### GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1140'
Bird's Nest	1450'
Mahogany	1805'
Base of Parachute	2765'
Wasatch	4352'

#### Tech. Pub. #92 Base of USDW's

USDW Elevation	1500' MSL
USDW Depth	3390' KBE

# PERFORATIONS:

Formation	Date	Top	Btm	Spf	Status
Wasatch	Feb-02	4534	4544	4	Open
Wasatch	Feb-91	4591		1	Open
Wasatch	Feb-91	4593		1	Open
Wasatch	Feb-91	4717		1	Open
Wasatch	Feb-91	4719		1	Open
Wasatch	Feb-91	5135		1	Open
Wasatch	Feb-91	5137		1	Open
Wasatch	Feb-91	5141		1	Open
Wasatch	Feb-91	5145		1	Open
Wasatch	Feb-91	5262		1	Open
Wasatch	Feb-91	5267		1	Open
Wasatch	Feb-02	5268	5274	4	Open
Wasatch	Feb-91	5270		1	Open
Wasatch	Feb-91	5273		1	Open
Wasatch	Feb-91	5319		1	Open
Wasatch	Feb-91	5322		1	Open
Wasatch	Feb-91	5462		1	Open
Wasatch	Feb-91	5469		1	Open
Wasatch	Feb-02	5470	5476	4	Open
Wasatch	Feb-91	5474		1	Open
Wasatch	Feb-91	5480		1	Open
Wasatch	Feb-91	5489		1	Open
Wasatch	Feb-91	5492		1	Open

# WELL HISTORY:

- Spud on 1/27/91
- TD'd on 2/16/91
- 2/24/91 - Perf gross Wasatch interval f/ 4591' - 5492', breakdown perfs w/ 4000 gals 3% Kcl and 40 BS's. Flowtested well for 6 days, then SI w/o frac.
- 8/1/91 - Frac Wasatch interval w/ 84,300 gal fluid, 154,950# sand & 240 tons CO2
- 8/8/97 - C/O w/ air foam, acidize Wellbore, lower tbg and install PLE
- 2/15/02 - Recomplete Wasatch zone, 4534 - 4544, 5268 - 5274 & 5470 - 5476. Perf and frac using 680 bbls gel fluid and 67,940# 20/40 sand.

**Current Well Data:**

API Well Number: 43-047-31925
Export to File
Export to HTML
Decline Curve

Operator: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 116

Well Type: Gas Well
Current Status: Producing

County Name: Uintah

Field Name: NATURAL BUTTES

Location (Twp-Rng): 10S-22E
Section: 6

Cumulative Oil Production: 268
Cumulative Natural Gas Production: 769,108
Cumulative Water Production: 1,931

- These cumulative volumes include pre-1984 production if the well existed at that time and the data is available.  
- Oil volumes are reported in barrels (BBLs). One barrel = 42 U.S. gallons.  
- Natural Gas volumes are reported in thousand cubic feet (MCF). One MCF = 1,000 cubic feet; One thousand MCF = 1,000,000 cubic feet.  
- Water volumes are reported in Barrels (BBLs).

## **NBU 116 PERMANENT ABANDONMENT PROCEDURE**

### **GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

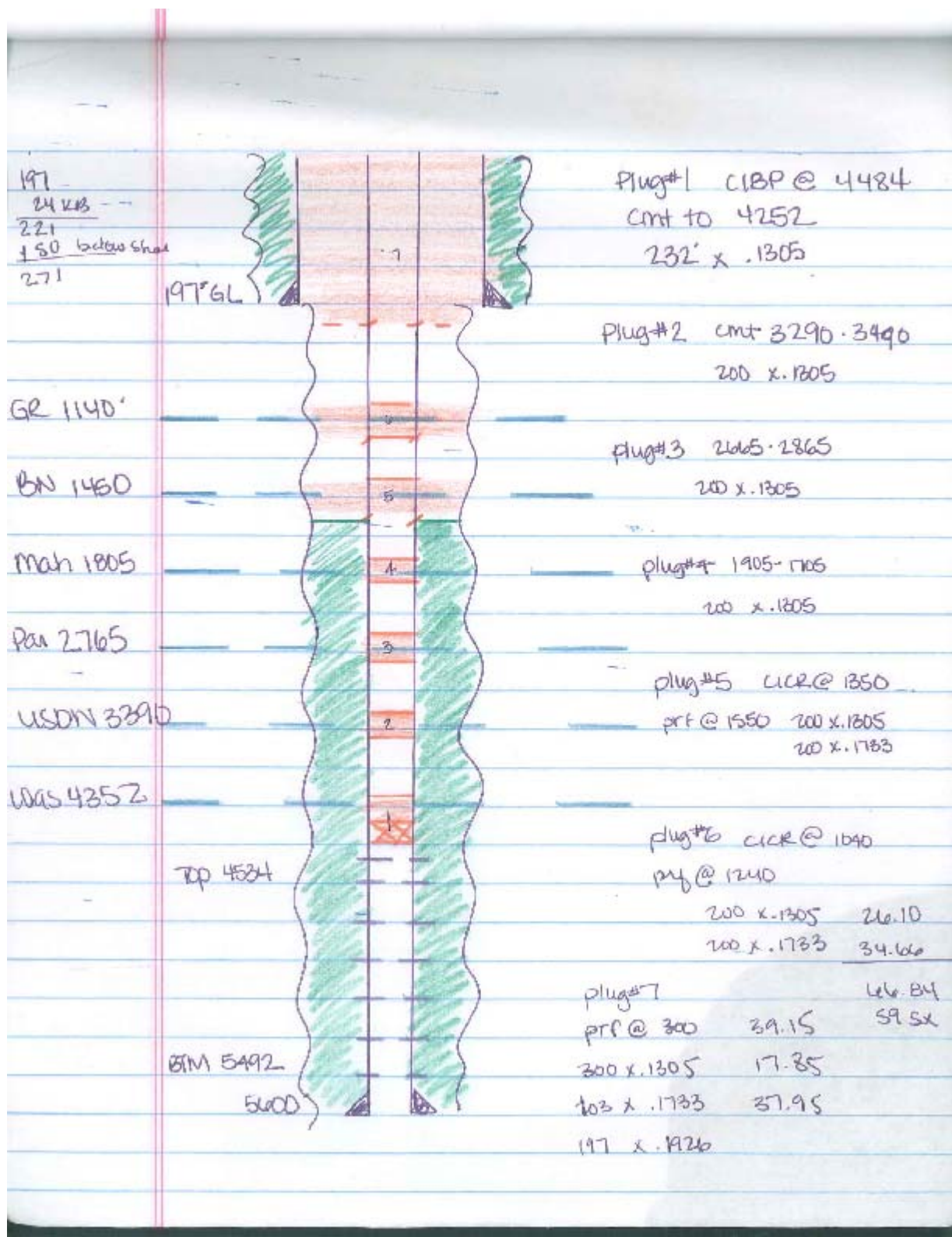
**Note: An estimated 309 sx Class "G" cement needed for procedure**

**Note: No gyro has been run on this well**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL AND PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4534' - 5492') & PROTECT WASATCH TOP (4352')**: RIH W/ 5 ½" CIBP. SET @ ~4484'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 30.28 CUFT. (27 SX) CMT ON TOP OF PLUG. PUH ABOVE TOC (~4252'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT BASE OF USDW'S (~3390')**: PUH TO ~3490'. BRK CIRC W/ FRESH WATER. DISPLACE 26.10 CUFT. (23 SX) AND BALANCE PLUG W/ TOC @ ~3290' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #3, PROTECT BASE OF PARACHUTE (~2765')**: PUH TO ~2865'. BRK CIRC W/ FRESH WATER. DISPLACE 26.10 CUFT. (23 SX) AND BALANCE PLUG W/ TOC @ ~2665' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #4, PROTECT MAHOGANY TOP (~1805')**: PUH TO ~1905'. BRK CIRC W/ FRESH WATER. DISPLACE 26.10 CUFT. (23 SX) AND BALANCE PLUG W/ TOC @ ~1705' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #5, PROTECT BIRD'S NEST ZONE (~1450')**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~1550' W/ 4 SPF. PU & RIH W/ 5 ½" CIRC, SET @ ~1350'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ A MINIMUM OF 66.84 CUFT. (59 SX), OR SUFFICIENT VOLUME TO FILL 5 ½" CSG AND ANNULUS TO 1350'. STING OUT OF CIRC AND SPOT 6.53 CUFT. (6 SX) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1350'). REVERSE CIRCULATE W/ 10 PPG BRINE.
9. **PLUG #6, PROTECT GREEN RIVER TOP (~1140')**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~1240' W/ 4 SPF. PU & RIH W/ 5 ½" CIRC, SET @ ~1040'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ A MINIMUM OF 66.84 CUFT. (59 SX), OR SUFFICIENT VOLUME TO FILL 5 ½" CSG AND ANNULUS TO 1040'. STING OUT OF CIRC AND SPOT 6.53 CUFT. (6 SX) CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1350'). REVERSE CIRCULATE W/ 10 PPG BRINE.
10. **PLUG #7, SURFACE SHOE (221' KB) & SURFACE HOLE**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 94.95 CUFT. (83 SX) OR SUFFICIENT VOLUME TO FILL 5 ½" CSG & ANNULUS TO SURFACE.
11. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.

## 12. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 9/3/09





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 116
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<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 9/24/2009	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	OTHER: _____	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THE OPERATOR HAS PERFORMED THE PLUG AND ABANDON ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PLUGGED THE WELL TO DRILL THE NBU 1022-06DT WELL LOCATION. PLEASE REFER TO THE ATTACHED PLUG AND ABANDON CHRONOLOGICAL WELL HISTORY.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> September 30, 2009		
<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/29/2009	



**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 116				Spud Date:							
Project: UTAH-UINTAH			Site: NBU 116				Rig Name No: MILES 2/2				
Event: ABANDONMENT			Start Date: 9/21/2009					End Date: 9/23/2009			
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: NBU 116							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation			
9/21/2009	7:00 - 7:30	0.50	ABAND	48		P		HSM, MOVING RIG AND EQUIP AND RIGGING UP.			
	7:30 - 11:30	4.00	ABAND	30	A			RIG DWN MOVE RIG AND EQUIP F/ NBU 922-2913DS, WAIT ON WIND 2 HRS, RIG UP RIG. HAD TO REPLACE ONE DEAD MAN ANCORE IT PULLED OUT OF THE GROUND.			
	11:30 - 18:00	6.50	ABAND	31	I			SICP 120 PSI, SITP 120 PSI, CHECK FOR H2S NONE, PUMP 30 BBLS TRATED FRESH WTR DWN TBG, ND WH NU BOPS, UNLAND 23/8 L/D HANGER. RU SCAN TEC. POOH W/ 148 JTS 23/8 J-55 S.LM. RD SCAN TEC SWI SDFN. 35 YELLOW, 67 BLUE, 46 BAD.			
9/22/2009	7:00 - 7:30	0.50	ABAND	48		P		HSM, TRIPPING TBG AND WORKING W/ CMT CREW.			
	7:30 - 11:30	4.00	ABAND	34	I	P		SICP 200 PSI, BLEW WELL DWN, CONTROL WELL W/ 30 BBLS TREATED FRESH WTR. RU SLICK LINE RIH AND GYRO WELL. RD SLICK LINE. RU WIRE LINE RIH W/ 51/2" GAUGE RING TO 5150' OK, POOH, RIH SET 51/2" CIBP @ 4484' POOH.			
	11:30 - 17:30	6.00	ABAND	31	I			FILL HOLE W/ 100 BBLS FRESH WTR, TEST CSG TO 500# PSI OK.RIH W/ 145 JTS 23/8 J-55 EOT @ 4469' DISPLACE FRESH WTR W/ 10# TREATED BRINE. PUMPED 4.6 BBLS FRESH, 27 SKS G CMT, 1 BBL FRESH, DISP W/ 15.3 BBLS BRINE. 1ST CMT PLUG F/ 4252'-4484'. PU EOT @ 3498' PUMP 4.6 BBLS FRESH, 23 SKS G CMT, 1 BBL FRESH, DISP W/ 11.6 BBLS BRINE. 2ND CMT PLUG F/ 3298'-3498'. PU TO EOT @ 2850', PUMPED 4.6 BBLS FRESH WTR, 23 SKS G CMT, 1 BBL FRESH WTR, DISP W/ 9.2 BBLS BRINE, 3RD CMT PLUG F/ 2650'-2850'. PU TO EOT @ 1920', PUMPED 4.6 BBLS FRESH WTR, 23 SKS G CMT, 1 BBL FRESH WTR, DISP W/ 5.6 BBLS BRINE. 4TH CMT PLUG F/ 1720'-1920'. LD TO EOT @ 1671' REVERSED OUT. L/D 10 MORE JTS. POOH W/ 22 STDS IN DERICK. SWI SDFN. ALL CMT PUMPED WAS CLASS G 15.8# 1.15 YEILD.			
9/23/2009	7:00 - 7:30	0.50	ABAND	48		P		HSM, WORKING W/ WIRE LINE AND CMT CREW.			

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 116			Spud Date:		
Project: UTAH-UINTAH		Site: NBU 116		Rig Name No: MILES 2/2	
Event: ABANDONMENT		Start Date: 9/21/2009		End Date: 9/23/2009	
Active Datum: RKB @0.00ft (above Mean Sea Level)			UWI: NBU 116		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:00	9.50	ABAND	31	I	P		<p>SICP 0 PSI, RU WIRE LINE RIH SHOT 4 HOLES @ 1550', POOH RU PRO PETRO, FILL CSG W/ 3 BBLS BRINE GOT INJECTION RATE OF 3 BPM @ 600 PSI, PUMPED 6 BBLS. RIH W/ 51/2 CICR AND 44 JTS 23/8 J-55 TO 1360' SET RETAINER. PRESSURE UP ON CSG TO 500 PSI, PUMPED 5 BBLS FRESH, 84 SKS G 15.8# 1.15 YEILD CMT, 1 BBL FRESH WTR, DISP W/ 3.2 BBLS BRINE, UNSTING OUT OF RET, L/D 3 JTS TBG EOT @ 1266' REVERSED OUT. L/D 7 JTS TBG, POOH W/ 17 STDS L/D STINGER. RIH SHOT 4 HOLES @ 1240' FILL CSG W/ 3 BBLS BROKE @ 1800# PSI, TRY TO CIRC DWN CSG AND UP SURF PUMPED IN @ 2 BPM @ 900# PSI NO CIRC, TRY PUMPING DWN SURF PRESSURED UP. RIH W/ 51/2 CICR AND 39 JTS 23/8 SET RET @ 1204', PUMPED 5 BBLS FRESH WTR, 44 SKS G 15.8# 1.15 YEILD CMT, STING OUT PUMPED 25 MORE SKS CMT, DISP W/ 3.7 BBLS BRINE. L/D 7 JTS TBG EOT @ 988' REVESED. L/D 22 JTS TBG, POOH 5 STNDS. RIH SHOT 4 HOLES @ 300', TRY TO BREAK CIRC NO LUCK. RIH W/ 3RD CICR AND SET @ 286' PUMPED 5 BBLS FRESH WTR, 11.3 BBLS G 15.8# 1.15 YEILD CMT, STUNG OUT PUMPED 2.2 BBLS MORE CMT DISP W/ .5 BBLS WTR, L/D 9 JTS TBG L/D STINGER. RIH SHOT 4 HOLES @ 90' GOT CIRC DWN CSG AND UP SURF. ND BOPS NU WH. PUMP. 50 SKS G 15.8# 1.15 YEILD W/ 2% CACL, GOT CMT RETURNS UP SURF. RIG DWN RIG, DIG AROUND WH AND CUT OFF WH. CMT WAS @ SURFACE, WELD ON MARKER PLATE. SDFN</p> <p>ALL PLUGGING OPERATIONS WERE WITNESSED BY JAMIE SPARGER W/ BLM.</p>

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-464
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 116
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0184 FNL 0314 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 06 Township: 10.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047319250000
<b>PHONE NUMBER:</b> 720 929-6587 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 5/11/2009	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>ALTER CASING</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>OTHER</b>	
	<input type="checkbox"/> <b>CASING REPAIR</b>	
	<input type="checkbox"/> <b>CHANGE WELL NAME</b>	
	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input checked="" type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	OTHER: CANCELLED WORK	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
ON NOVEMBER 21, 2006 THE OPERATOR SUBMITTED AN NOI TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR HAS NOT PERFORMED THE RE-FRAC IN THE LOWER WASATCH INTERVALS IN THREE STAGES FROM 5133'-5481'. THE OPERATOR IS REQUESTING TO WITHDRAW THE APPROVED ACTION.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> May 11, 2009		
<b>NAME (PLEASE PRINT)</b> Sheila Upchego	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/11/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/3/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 This well was plugged abandoned on 09/24/2009 for the drilling of the NBU 1022-06DT well. The operator requests that the reclamation liabilities for this well be transferred over to the NBU 1022-06DT well. Upon this approval, the operator will submit the Final Abandonment Notice for the subject well.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 11, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/3/2010	